

DESIGN SERVICES CONTRACTING FOR THE FEDERAL GOVERNMENT

**A REPORT PRESENTED TO THE GRADUATE COMMITTEE
OF THE DEPARTMENT OF CIVIL ENGINEERING IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF MASTER OF ENGINEERING**

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CHAPTER ONE

ABSTRACT

The procurement of architectural and engineering design services is one of the least known markets in Federal Government contracting. However, it can be one of the most profitable business ventures a professional services firm can undertake. The regulations, policies and procedures for architect-engineer contracting are based in law from the Brooks Act of 1972.

The award of a design services contract is almost totally based on the qualifications and experience of the firm as a whole and the particular individuals in the firm who will be assigned to the advertised project. During the selection process, all firms are ranked based on the merit of their technical proposal for the specific solicitation. Only after the evaluations are completed do discussions on price related factors begin. If the most qualified firm proposes reasonable fees, they are awarded the contract. Firms that continually strive for technical excellence will always have a profitable market share under this procurement system.

CHAPTER TWO INTRODUCTION

The various departments of the Federal Government regularly solicit professional services in the *Commerce Business Daily*. The *Commerce Business Daily* is available in print through a subscription and is also now available as a listing on the internet. In order to propose for such solicitations, a firm must first understand what the Federal Government considers architect-engineer services and, what is meant by a "professional architect-engineer firm." They should also have a basic understanding for how the government's selection process works. Agents of the government are strictly required to follow regulations in the advertisement, selection, and award of design services contracts.

A design firm who understands the federal government's system for awarding design services contracts will certainly have the competitive advantage during the selection process. They will also know how to properly answer a solicitation and present their abilities and available resources in the best possible manner. The design selection criteria vary with different projects and contract methods, but are always spelled out in the solicitation. Several basic criteria such as experience and professional registration of members of the firm will be required in nearly all projects. The firm should continually strive to improve in these professional development areas to strengthen their position during any technical rating. If the firm has a basic knowledge of the rules the selection team is required to follow, they can also determine if their proposal has been fairly evaluated.

CHAPTER THREE BACKGROUND

The Federal Government has been contracting for professional architect and engineering services since the early nineteen hundred's. Since the Public Works Act of 1939, awards for these services have been made using qualifications procedures and following the principle of choosing the best technically qualified firm with price as only a secondary consideration. In 1967, the Comptroller General recommended that Congress change the selection process to follow a more price competitive procedure and that price should be an evaluation factor in selecting an architect-engineer firm. The Comptroller General also recommended that the current six percent statutory fee limitation be repealed. This statute limits the cost for the architectural and engineering design effort of a construction procurement projects to six percent of the cost of the overall acquisition.

After Congress made a study of the recommendation, it passed the Brooks Act under the sponsorship of the Subcommittee Chairman Jack Brooks of the Government Activities Subcommittee of the House Committee on Government Operations. The Brooks Act turned down the recommendation of the Comptroller and stated that the procedures, which were already being used to hire architect-engineer firms, should remain in place. By defining those procedures into a bill and subsequently passing the Brooks Act, Congress set the procedures into law. The procedures used to contract with architect-engineer firms are essentially the same procedures that were defined in 1939.

The Brooks Act legislation also served to substantiate and legally clarify other important points:

-Public announcement of solicited services is required to enhance competition among the firms.

-The six percent statutory fee limitation is a valuable safeguard to the public and was not repealed.

-The system favors selection of the most technically skilled and responsible members of the architectural and engineering professions.

-All agencies are to negotiate contracts for architectural, engineering, and related professional services with the basis of selection being professional qualifications, competence, and a price that is fair and reasonable to the Government.

-Under no circumstances should the selection criteria developed by an agency head relating to the ranking of architects and engineers on the basis of their professional qualifications include or relate to the fee to be paid to the firm, either directly or indirectly.

-Design services contracts are to be negotiated for fair and reasonable prices.

-Spells out requirement to technically rank and hold discussions with at least firms in order of preference.

-Defines procedure that price negotiations are first to be held with the highest technically qualified firm.

-Provides procedure that if a fair and reasonable price can not be reached with the first firm, the contracting officer will begin negotiations with the second firm and so on.

-Firms are encouraged to submit statements of their qualification and update them annually.

Some groups, both inside and outside of the Federal Government, have argued that the procedures codified under the Brooks Act violate the Competition in Contracting Act. They say this based on the firms being ranked and selected for discussions without any evaluation of price or price related factors. The Brooks Act procedures do result in competitively awarded contracts because the firms first had to go through a technical competition in order to be ranked and allowed to submit price proposals. In this case, the competition is not based on price; it is based upon technical and professional qualifications.

CHAPTER FOUR

DEFINING ARCHITECT-ENGINEER SERVICES

The Brooks Act procedures are required to be used when the services desired must be performed by a "professional architect-engineer firm." A firm is considered to be a "professional architect-engineer firm" if:

- It is an individual, firm, partnership, corporation, association, or other legal entity
- and,
- It is permitted by law to practice the professions of architecture or engineering.

In order for a firm or individual to be permitted by law to practice the professions of architecture or engineering, they must be:

- "Licensed" by the state in which it is practicing
- or,
- Be a registered professional in the state in which they are practicing
- or,
- Be practicing in a state, which recognizes the professional registration of another state.

Architect-engineer services are defined by the Federal Acquisition Regulations as:

- Professional services of an architectural or engineering nature, as defined by State law, which are required to be performed or approved by a person licensed, registered or certified to provide such services.
- Professional services of an architectural or engineering nature performed by contract that are associated with research, planning, development, design, construction, alteration, or repair of real property.

- Such other professional services of an architectural or engineering nature, including incidental services, which members of the architectural and engineering professions may logically or justifiably perform. These services include studies, investigations, surveying and mapping, tests, evaluations, consultations, comprehensive planning, program management, conceptual designs, plans and specifications, value engineering, construction phase services, soils engineering, drawing reviews, preparation of operating and maintenance manuals, and other related services.

Services which are not required to be performed by a person licensed, registered, or certified to provide such services are not considered architect-engineering services and should not be procured by the Federal Government under the Brooks Act procedures.

Occasionally, the agencies of the Federal Government may have a requirement for work, which is mixture of professional and non-professional services. If a substantial or dominant portion of the statement of work specifies performance or approval by a registered or licensed architect or engineer, the contracting officer will follow procedures governed by the Brooks Act.

Substantial, in this case, means a considerable percentage of the work but not necessarily the majority of the hours or cost. Dominant means the primary purpose of the work, although not necessarily a majority of the hours or cost, or the largest component of the project.

CHAPTER FIVE DESIGN PROCESSES

There are basically three methods for accomplishing design projects for the Federal Government:

- Design – Bid – Build
- Design – Build
- Design Competition

In a Design – Bid – Build project, an architect-engineer firm is selected to design a project and, after successful negotiations, is awarded the design contract for the project. The design is completed by the firm and then the follow on construction work is advertised for bid by the Government, usually in the *Commerce Business Daily*. A contract is awarded to a construction firm to build the project based upon the complete detailed design.

For a Design-Build project, one firm is selected and is responsible for both the design and ensuing construction of the project. During this process, architect-engineer firms and construction contractors submit their proposals to the government as teams. Construction firms will often act as lead contractor and will subcontract the design of the project to an architect-engineer firm. It is important to note that the selection of the particular team will result in only one contract with the government for which both firms will have liability.

Design competition is a type of Design – Bid – Build, but it is different enough to be addressed separately in the Federal Acquisition Regulations. Design competition is a process which normally only used in unique situations involving prestigious projects, such as the design of

memorials and structures of unique national significance. In design competition, firms and sometimes individuals are asked to submit an actual concept of what the project will look like and the selection is made based upon those submitted concepts. The use of the design competition process requires the approval of the agency head.

CHAPTER SIX SOLICITATIONS

The Federal Government is required by law to advertise its need for architect-engineer services and this begins the solicitation phase of the contract award process. Advertising increases competition and broadens industry participation. It allows the firms to decide if they are qualified to perform the project and, whether not they have they can complete the project in the projected time frame. Solicitations are generally announced in the *Commerce Business Daily* and must be advertised there if the contract award is expected to exceed \$25,000. Notices are also posted on the solicitation bulletin board in the originating contract office. As the Internet technology continues to evolve, most contracting offices have home pages, which also list all of their current solicitations. Most solicitations allow at least a thirty-day response time for interested firms.

The advertisement is required to provide brief details with respect to the project's location, statement of services, cost range and limitations, type of contract, estimated starting and completion dates, and any significant evaluation factors. The project's location and type of services should be straight forward. The type of contract usually depends on the number of project designs to be ordered by the government. For large single design services contracts, a firm fixed price contract is awarded for the particular project. Most architect-engineer services contracts are indefinite quantity contracts, which have a maximum dollar limit and a time limit of one to three years. If the contract is for one design, the start and completion dates are given for that design. If the contract is indefinite quantity, the start and completion dates are given for the base year of the contract and any subsequent option years. There may be a "seed" project to start

the period of the first year. Significant evaluation factors are the criteria by which the government contracting officers will rank all firms that respond to the solicitation. It is extremely important to pay close attention to these factors when responding to the solicitation.

CHAPTER SEVEN EVALUATION

Government contracting officers have specific guidelines for evaluating and ranking the firms, which have responded to the solicitation. Federal Acquisition Regulations require agencies to evaluate each potential contractor in terms of its:

- Professional qualifications necessary for satisfactory performance of the required services.
- Specialized experience and technical competence in the type of work required, including, where appropriate, experience in energy conservation, pollution prevention, waste reduction, and the use of recovered materials.
- Capacity to accomplish the required work in the given amount of time.
- Past performance on contracts with Government agencies and private industry in terms of cost control, quality of work, and compliance with performance schedules.
- Location in the general geographic area of the project and knowledge of the locality of the project; provided that application of this criteria will leave enough qualified firms, given the nature and size of the project.
- Acceptability under other appropriate evaluation criteria.

When firms respond to the solicitation, they will be given a package of information to direct them on how to prepare and submit their qualifications. The package contains the statement of work for which the government is to contract the specific design services. It also lists the rating factors and the relative rating of these factors in ranking the firms. The rating factors all have to tie into how well a firm will perform that statement of work and fulfill the governments need so

that the most highly qualified firm can be hired for that particular project. The statement of work also tells what the government will provide, usually record drawings and a boilerplate specification, and what the firm is expected to produce, usually finished plans and specifications. The statement of work will also give design parameters such as approximate square footage and any known pre-existing conditions at the site. The technical criteria and standards which the firm must design to will also be included.

Two qualifications statement forms will also be included in the package. The standard Form 254 (SF-254) (Appendix A) is the Architect-Engineer and Related Services Questionnaire and is a general resume of a firm's overall capabilities. It addresses the overall capabilities and different types of projects that a firm is capable of performing. The Standard Form 255 (SF-255) (Appendix B) is the Architect-Engineer and Related Services Questionnaire for a Specific Project and is geared to let the firm express its capabilities for the specific project described in the solicitation. It is important to fill both of these forms out completely to obtain the highest possible ranking by the technical evaluation board.

The primary factor in the selection of an architect-engineer firm is the determination of the most highly qualified firm. Remember, when a firm submits its qualifications to the contracting office, they must be as complete and accurate as possible. The information the firm puts on its SF-254 and SF-255 will often be the only information evaluation board members are presented to rank the firm. A firm that does not list all of its qualifications and experience will be selling itself short. If a firm that exaggerates its qualifications may be awarded a contract it can not

perform. Willfully submitting falsified documents constitutes fraud will result in debarment from government contracting. It may also result in criminal prosecution.

CHAPTER EIGHT

REQUEST FOR PROPOSAL

Upon agency approval of the evaluation boards report and ranking, a request for proposal (RFP) letter is sent to the firm, which has been ranked number one. The letter will have attachments that will spell out the terms and conditions of the design services contract. These attachments include:

- The Standard Form 252, Architect-Engineer Contract, which is the actual contract document, both parties will sign
- The statement of work
- All Federal Acquisition Regulation clauses and provisions, which will be applicable to the contract
- A list of all professional registrations and certifications, which will be required
- Proposal forms for the firm to submit its price proposal
- Any guide specifications that the firm must use
- Any other applicable design criteria or documentation.

Concurrent with the request for proposal of design services, government estimators will also receive the statement of work to estimate the cost for such services. This government estimate will play a large role in the contracting officer's decision as to the reasonableness of the proposal from the selected firm. Government estimators are required to follow the same cost principles that architect-engineer firms are required to follow in preparing their proposals. The government cost estimate is prepared using the detailed analysis method. The contracting officer will also furnish the firm the same standard forms (blank) to use to prepare its estimate. This will allow

the contracting officer to easily compare like cost items between the firm's proposal and the government estimate.

CHAPTER NINE

SUBMITTING THE PROPOSAL

Although contracting officers furnish standard forms for architect-engineer firms to follow when submitting their cost proposals, the use of these forms is not required unless so stated in the solicitation. Firms that routinely perform design services for the Federal Government have these forms available in spreadsheet format that include their firms own specific costs and overhead rates. A firm's proposal must be sure to address all the elements of the statement of work regardless of the proposal's format. The major categories of cost consist of:

- Direct labor of the designers
- Other direct costs
- Subcontractor costs
- Indirect expenses
- Profit

Direct labor is the amount of work that will be performed specifically for the execution of this project. Direct labor generally relates to the number of drawings that will be necessary and the number of hours to produce such drawings. This area is where the firm must do the most accurate analysis possible to determine the number of drawings required to accurately present the design for the follow on construction project. The hourly rate for each discipline should come from the firms own payroll records for the specific individuals that will assign to the contract. If the contract or subsequent modifications exceed certain dollar thresholds, government auditors have the right to audit payroll records. Direct labor can also relate to site surveys, surveying, and

topographic surveys when they are performed to support a specific contract. Hours for project coordination for a project manager are also included in direct labor.

Other direct costs include direct material costs such as mylars, design data submittals, models, and photographs. If the government requires the designer to purchase specific software for the contract that would also be a direct material cost. Other examples are reproduction of drawings, postage, courier charges, long distance phone charges, and travel expenses.

The firm is required to divulge which parts of the project will be subcontracted out. This allows the government estimators to format their estimate accordingly. Services, which are often subcontracted out, include: surveys, soil investigations, consultants for unique fields, and cost estimators. Many firms do not employ all engineering disciplines in house and routinely subcontract out to specialized engineering firms for those design areas. Significant subcontractor costs should be broken in the same detail as the firm's in house services.

Indirect costs are generally applied as a percentage rate of direct labor hours or direct labor costs. An indirect cost pool is the basis usually used to track the cost of operating the business and paying fringe benefits. Indirect cost rates vary with the size of the firm and with the firm's organization and cost accounting system. The location of the firm also influences the indirect cost rate.

Under the Federal Government contracting philosophy, profit is a variable, which depends upon the amount of risk a contractor incurs during performance of the contract. Determining the

amount of profit applicable to a specific contract is a singular cost element and a matter for negotiation. The nature of the work to be performed and its relative difficulty are the factors that the government uses in establish a rate of profit. Architect-engineer firms are often subject to some other requirement for generating profit such as a rate of return or set percentage of the contract.

CHAPTER TEN

COST PRINCIPLES

Because all architect-engineer contracts are negotiated and a fair and reasonable price must be agreed upon, it is important to understand cost principles and how they apply to these contracts.

In order for a cost to be considered acceptable to the government, it must meet three requirements. The cost must be allowable, allocable, and reasonable.

To test whether or not a cost is allocable, the question is asked, "Is this a cost, which would normally be the type of charge for the service provided and does it benefit the contract?"

Charges normally expected on a design services contract include:

- Direct labor hours by the designers
- Labor hours for drafting
- Cost of printing and reproduction of the plans and specifications
- Charges for specification writers and cost estimators

Costs may also be allocable if they would benefit your immediate contract and other contracts that the firm may have. These costs are usually included in the indirect cost rates.

A cost is reasonable if, in its nature and amount, it does not exceed that which would be incurred by a prudent person in the conduct of competitive business. The government has the right to question the reasonableness of any cost proposed by the contractor. The contractor has the burden of proving if the cost is reasonable.

For a cost to be considered allowable, it must be allocable, reasonable, meet the terms and conditions of the contract, and be consistent with the Federal Acquisition Regulations Part 31.205. This section of the regulation discusses the allowability or non-allowability of 49 particular costs, which occur most often in architect-engineer contracting. A firm may incur costs, which are not covered in this section, but are still normal business expenses that the firm would incur in its operation. A contracting officer will decide if the cost is to be allowed against the contract. The major area of concern for allowability of costs in a design services contract will most often occur in reviewing the overhead items in the indirect rate.

CHAPTER ELEVEN NEGOTIATIONS AND AWARD

The Federal Acquisition Regulations require that after the selection of the most highly qualified firm, a fair and reasonable contract price be negotiated. If a fair and reasonable price can be reached with the first firm, this firm is awarded the contract and no other price negotiations are held with lower ranked firms. If a fair and reasonable price can not be reached with the first firm, negotiations with this firm will be terminated in whole. Negotiations will then commence with the second firm and if a fair and reasonable price is reached, they will be awarded the contract. This process may continue until the contract is awarded with a qualified firm. The procedure has rarely ever progressed beyond the second firm.

Price negotiation is intended to permit the contracting officer and the architect-engineer firm to mutually agree to a fair and reasonable price. It does not require agreement on every element of cost and reasonable compromises may be necessary. The contracting officer's primary concern is the price the government actually pays.

Most negotiations with architect-engineer firms will be conducted with several members from the government, which will include contracting and technical personnel. The technical personnel will be concerned with the amount of effort that the firm is proposing. They will look at the number of drawings being proposed, the engineering effort and the drafting effort. The contracts personnel are primarily are primarily concerned with the wage rates and the indirect cost rate. They will compare the wage rates with data from other contracted firms in the area and may audit the firm's payroll records if the dollar value of the contract exceeds limit thresholds. The

indirect cost rate will likewise be compared to other rates in the area and it will be examined to insure there are no unallowable costs in the indirect cost rate pool.

The agenda for how the negotiation will be conducted is prepared by the contracting officer. The negotiation should be a structured discussion that follows this agenda. The normal outline for an architect-engineer contract negotiation is as follows:

- First, negotiate all direct costs for both the design services and the engineering services. Obtain an agreement on what is considered fair and reasonable effort and the wage rates associate with this effort.
- Second, negotiate the indirect cost rates, include items that are allowed into the indirect cost pool.
- Third, negotiate profit.

For each of these sections, there are four basic steps to follow.

The firm presents its proposed values. Then the government presents its position and background data to support that position. Discussion will then ensue on point by point basis. Start with items that are already close in value and systematically work through the list. If concessions are given, expect concessions in return. Do not dwell on particular items too long. If agreement is not reached, move on to the next item. Use recesses to avoid having the discussions reach an undesirable intensity. Offer alternatives that can be acceptable to both parties, but do not significantly increase your price. Discussions of differences should not include argument. Use logic and background example data from other projects to support your position.

When the government is satisfied that the issues have been adequately discussed, the contracting officer will ask the firm for its final price. If most of the issues have been agreed upon, this is simply a mathematical exercise of adding up what has been decided. If several issues still have disparity, the contracting officer will ask for a bottom line price. If this price is not acceptable, the contracting officer will ask for a written best and final offer. If the government can not accept this written final offer, the contracting officer will terminate discussions and go on to the next firm on the list.

If the contracting officer accepts the firm's proposal or the ensuing negotiated price, the architect-engineer firm has successfully won the design services contract. Each party will sign two copies of the Standard Form 252 so that both the government and the firm will have signed original. At this point, the Architect-engineer firm is legally bound to perform the services in the statement of work at the mutually agreed upon price.

CHAPTER TWELVE

CONTRACT MANAGEMENT AND ADMINISTRATION

Under most government contract situations, the contract is awarded and we wait for the ordered items to be delivered. Architect-engineer contracts are not in this category. Because we are dealing with the design of facilities to be constructed, technical personnel are required to monitor the contractor's performance and manage the contract. Contracts personnel are responsible for the administration of the contract and, as always, the Contracting Officer has the complete authority and sole responsibility for the overall contract performance.

Management of an architect-engineer contract is different than administration of other contracts due to the extreme amount of technical knowledge that is associated with this type of work. Contract management deals primarily with the technical aspects of the contract such as parts of the acquisition plan, customer and contractor interface on technical matters, developing scopes of work, and quality assurance. Contract administration concerns the performance of daily contractual functions such as interpretation of contract clauses and requirements, processing of payment requests, negotiation and execution of contract modifications and responding to questions of contractual issues. However, on many of the issues concerned with administering architect-engineer contracts, technical and contracts personnel will be working together to provide a single response to the contractor.

Since there is such a large amount of technical monitoring on architect-engineer contracting, Government technical personnel are responsible for the management of the contract. Even though technical personnel are responsible for the management of the contract and contracts

personnel perform the administrative tasks, there is often no clear dividing line between these responsibilities. Therefore, it can not be stressed enough that both groups work closely together on each and every phase of the contract from project authorization to contract close out.

The Defense Federal Acquisition Regulation designates the official contract manager as the Contracting Officer's Representative (COR) (sometimes referred to as the Contracting Officer's Technical Representative (COTR)). The COR must be a government employee unless authorized in agency regulations. The COR must possess training and experience commensurate with the responsibilities to be delegated to him. For architect-engineer contracting, this normally means the ability to technically manage the contract. The individual letter of appointment will delineate the responsibilities for each individual contract and the COR must maintain a file for each contract assigned. The COR may not be delegated functions that have already been assigned to the contract administration office. Most importantly, the COR does not have the authority to make any commitments or changes that affect price, quality, quantity, delivery, or other terms and conditions of the contract that can only be changed by the contracting officer.

The following are key elements to successful contract management and administration:

- Attitude – A proactive posture is the most important element for success in any contract management situation. The contract manager must be relentlessly vigilant to anticipate project requirements and assure resources are available in time for the uninterrupted progress of the project. Problems should be prevented instead of waiting for them to happen and finding a remedy.

- **Organization** – The effective contract manager and administrator work together to organize the project as whole rather than sub-optimizing either of their respective portions. They also moderate the flow of human and material resources versus time and funds for each task of the project to ensure the most efficient use of governmental resources.
- **Familiarity with Project Data** – Successful contract managers and administrators are familiar with details of the project scope as well as the agency regulations that are common to all architect-engineer contracts.
- **Communications** – A clear, continuous and orderly flow of communications between government personnel and the architect-engineer contractor is vital to the success of the project. This communication should be congenial and tend to enhance the spirit of overall teamwork. However, the division of rolls and responsibilities between the government segment of the overall team and the contractor segment of the team must be clearly defined and well understood by all parties. Contract managers and administrators must communicate well and work with a spirit of cooperation in order to have a smooth running successful project.
- **Monitoring Contract Performance** – Sometimes it becomes impossible to meet target dates for design submissions. When this happens, the manager evaluates the consequence of missing the target and coordinates with the contracting officer in order to make revisions to the targets. He also notifies everyone who is impacted, including the seniors of the command, of all the consequences as early as possible so the ill effects of missing the target can be minimized. The contract manager must remember that if the

change in the target involves changing any of the terms of the contract, only the contracting officer can approve this modification.

Since the technical personnel manage the day to day performance of the contract, they are usually responsible for the preparation of the performance evaluation. The Federal Acquisition Regulations require performance evaluations on architect-engineer work based on the following criteria:

- Each contract in excess of \$25,000
- After final acceptance of the work or contract termination
- Interim reports may be prepared for exceptionally good or bad performance
- Must be prepared by the person responsible for monitoring the contract
- Must be reviewed to ensure it is accurate and fair
- A separate evaluation is prepared after construction

The performance evaluation will be prepared after acceptance of the work contractually required from the architect-engineer firm. This evaluation will assess the quality of the contractor's performance as it relates to the skills shown during the actual design work. A second evaluation is required by the Department of Defense upon completion of construction. This rating addresses an evaluation of the design's constructability and the quality of construction support services.

Interim evaluation reports may be prepared as necessary. An interim report would most likely be used if the architect-engineer contractor is not performing satisfactorily and the contract manager

wants to bring the less than satisfactory performance to the firm's attention. Interim evaluations may also be used to provide current information to source selection boards or for renewal of contracts with option periods.

Performance evaluations are required to be reviewed to ensure they are accurate and fair. The reviewing official should have knowledge of the contractor's performance and should request supporting documentation for evaluations that are either very low or very high. This supporting information must also be filed in the contract files. The contractor must be advised in writing if his overall performance was unsatisfactory and an unsatisfactory evaluation is being prepared. If the contractor submits a written response, the evaluating official includes the response in the report. The evaluator must additionally resolve any factual discrepancies raised by the contractor and adjust the evaluation if necessary. The final performance evaluation is distributed to Architect-Engineer Contract Administration Support System (ACASS) and to the contract file. ACASS is central data base of architect-engineer evaluations maintained by the U.S. Army Corps of Engineers for the Department of Defense.

CHAPTER THIRTEEN

CONTRACT CLOSE OUT

An architect-engineer contract must be closed out promptly after satisfactory completion and delivery of all required services and products. When the contract is for the design of a construction project, services are often required during the construction phase of the project that can not be definitively anticipated or priced at the time of the of contract award or even when the design is complete. The architect-engineer contract is typically written to remain open to readily accommodate these potential changes. The scope of work of the contract should include a statement that additional work is contemplated during the construction period that can not be quantified until further in the projects implementation. The provision will permit the contract to be modified to add such construction support services if needed.

Such services are usually grouped together under the term Post Construction Award Support or PCAS. Some of the types of services such as inspection, testing, submittal review, and design for unforeseen conditions are routinely expected to occur, but the exact quantity of the effort involved can not be determined. Items such as this should be unit priced (usually by direct labor hour) during the negotiation phase of the architect-engineer services procurement. When the services are then required after construction has begun, the actual amount of hours expended is simply multiplied by the unit rates. This allows the government to get the best hourly rate at the negotiations and only pay for the actual effort expended. It also greatly protects the firm from risk exposure by trying to guess what effort may be needed for a particular service that is months (and sometimes years) in the future.

Files for firm fixed price contracts should be closed within six months from the date in which the contracting officer receives evidence of physical completion. If the contract requires settlement of disputed indirect cost rates, it should be closed out within 36 months of completion. Files for all other contracts, such as negotiated architect-engineer contracts, should be closed out within 20 months from physical completion. For an architect-engineer contract to be considered complete, the following actions are required:

- All liability actions resolved
- Performance evaluations prepared, approved and distributed
- All government furnished materials and documents returned
- All executed claims released

CHAPTER FOURTEEN

CONCLUSIONS AND RECOMMENDATIONS

The Federal Government often contracts for design services with architect-engineer firms.

Regulations and procedures to award these contracts are essentially the same as they have been since 1939 and were set into law by the passage of the Brooks act in 1972.

The primary basis for award is selecting the most technically qualified firm and awarding the contract to this firm at a fair and reasonable price. Firms that continually strive for technical superiority, professional registration and excellent performance will enjoy the highest rankings under this system. If the firm understands the background and philosophy of this procurement method, they will be able to present their abilities in the most favorable manner. These are the architect-engineer firms that will remain competitive and gain a reasonable profit for their efforts.

Architect-engineer contracts require a great deal of technical management in addition to the contract administration. The contracting officer's technical representative is the government person responsible to ensure the contractor is performing the services required in the contract and prepares the performance evaluation for the firm at the end of the contract. It is imperative that both contract administration and technical personnel work and communicate closely throughout the life of the professional services acquisition. However, and as always, the Contracting Officer has the complete authority and the sole responsibility for the overall contract performance.

Since contracts for professional services require such in depth technical management, I strongly recommend that all personnel as assigned as a Contracting Officer's Technical Representative on an architect-engineer contract be required to attend formal training. The course for this subject is "Architect-Engineer Contracting (CON-243)" and is hosted by the Naval Facilities Contracts Training Facility in Port Hueneme, California on behalf of the Defense Acquisition University. Additionally, I recommend all project design managers who will be routinely involved in approving drawings, services or invoices for design contracts attend this same formal training as soon as possible in their career. In my experience, the largest source for modifications in construction contracts has been errors and omissions in the design documents. Correctly managing and administering the design contract will have a huge impact on the total cost of a construction project.

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APPENDIX A

Federal Acquisition Regulations Subpart 36.6 – Architect-Engineer Services

Subpart 36.6--Architect-Engineer Services

36.600 Scope of subpart.

This subpart prescribes policies and procedures applicable to the acquisition of architect-engineer services.

36.601 Policy.

36.601-1 Public announcement.

The Government shall publicly announce all requirements for architect-engineer services and negotiate contracts for these services based on the demonstrated competence and qualifications of prospective contractors to perform the services at fair and reasonable prices. (See Pub. L. 92-582, as amended; 40 U.S.C. 541-544.)

36.601-2 Competition.

Acquisition of architect-engineer services in accordance with the procedures in this subpart will constitute a competitive procedure. (See 6.102(d)(1).)

36.601-3 Applicable contracting procedures.

(a) For facility design contracts, the statement of work shall require that the architect-engineer specify, in the construction design specifications, use of the maximum practicable amount of recovered materials consistent with the performance requirements, availability, price reasonableness, and cost-effectiveness. Where appropriate, the statement of work also shall require the architect-engineer to consider energy conservation, pollution prevention, and waste reduction to the maximum extent practicable in developing the construction design specifications.

(b) Sources for contracts for architect-engineer services shall be selected in accordance with the procedures in this subpart rather than the solicitation or source selection procedures prescribed in Parts 13, 14, and 15 of this regulation.

(c) When the contract statement of work includes both architect-engineer services and other services, the contracting officer shall follow the procedures in this subpart if the statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer. If the statement of work does not specify such performance or approval, the contracting officer shall follow the procedures in Parts 13, 14, or 15.

(d) Other than "incidental services" as specified in the definition of architect-engineer services in 36.102 and in 36.601-4(a)(3), services that do not require performance by a registered or licensed architect or engineer, notwithstanding the fact that architect-engineers also may perform those services, should be acquired pursuant to Parts 13, 14, and 15.

36.601-4 Implementation.

(a) Contracting officers should consider the following services to be "architect-engineer services" subject to the procedures of this subpart:

- (1) Professional services of an architectural or engineering nature, as defined by applicable State law, which the State law requires to be performed or approved by a registered architect or engineer.
- (2) Professional services of an architectural or engineering nature associated with design or construction of real property.
- (3) Other professional services of an architectural or engineering nature or services incidental thereto (including studies, investigations, surveying and mapping, tests, evaluations, consultations, comprehensive planning, program management, conceptual designs, plans and specifications, value engineering, construction phase services, soils engineering, drawing reviews, preparation of operating and maintenance manuals and other related services) that logically or justifiably require performance by registered architects or engineers or their employees.
- (4) Professional surveying and mapping services of an architectural or engineering nature. Surveying is considered to be an architectural and engineering service and shall be procured pursuant to section 36.601 from registered surveyors or architects and engineers. Mapping associated with the research, planning, development, design, construction, or alteration of real property is considered to be an architectural and engineering service and is to be procured pursuant to section 36.601. However, mapping services that are not connected to traditionally understood or accepted architectural and engineering activities, are not incidental to such architectural and engineering activities or have not in themselves traditionally been considered architectural and engineering services shall be procured pursuant to provisions in Parts 13, 14, and 15.
- (b) Contracting officers may award contracts for architect-engineer services to any firm permitted by law to practice the professions of architecture or engineering.

36.602 Selection of firms for architect-engineer contracts.

36.602-1 Selection criteria.

- (a) Agencies shall evaluate each potential contractor in terms of its--
 - (1) Professional qualifications necessary for satisfactory performance of required services;
 - (2) Specialized experience and technical competence in the type of work required, including, where appropriate, experience in energy conservation, pollution prevention, waste reduction, and the use of recovered materials;
 - (3) Capacity to accomplish the work in the required time;
 - (4) Past performance on contracts with Government agencies and private industry in terms of cost control, quality of work, and compliance with performance schedules;
 - (5) Location in the general geographical area of the project and knowledge of the locality of the project; provided, that application of this criterion leaves an appropriate number of qualified firms, given the nature and size of the project; and
 - (6) Acceptability under other appropriate evaluation criteria.

(b) When the use of design competition is approved by the agency head or a designee, agencies may evaluate firms on the basis of their conceptual design of the project. Design competition may be used when--

(1) Unique situations exist involving prestige projects, such as the design of memorials and structures of unusual national significance;

(2) Sufficient time is available for the production and evaluation of conceptual designs; and

(3) The design competition, with its costs, will substantially benefit the project.

(c) Hold discussions with at least three of the most highly qualified firms regarding concepts, the relative utility of alternative methods and feasible ways to prescribe the use of recovered materials and achieve waste reduction and energy-efficiency in facility design (see Part 23).

36.602-2 Evaluation boards.

(a) When acquiring architect-engineer services, an agency shall provide for one or more permanent or ad hoc architect-engineer evaluation boards (which may include preselection boards when authorized by agency regulations) to be composed of members who, collectively, have experience in architecture, engineering, construction, and Government and related acquisition matters. Members shall be appointed from among highly qualified professional employees of the agency or other agencies, and if authorized by agency procedure, private practitioners of architecture, engineering, or related professions. One Government member of each board shall be designated as the chairperson.

(b) No firm shall be eligible for award of an architect-engineer contract during the period in which any of its principals or associates are participating as members of the awarding agency's evaluation board.

36.602-3 Evaluation board functions.

Under the general direction of the head of the contracting activity, an evaluation board shall perform the following functions:

(a) Review the current data files on eligible firms and responses to a public notice concerning the particular project (see 36.604).

(b) Evaluate the firms in accordance with the criteria in 36.602-1.

(c) Hold discussions with at least three of the most highly qualified firms regarding concepts and the relative utility of alternative methods of furnishing the required services.

(d) Prepare a selection report for the agency head or other designated selection authority recommending, in order of preference, at least three firms that are considered to be the most highly qualified to perform the required services. The report shall include a description of the discussions and evaluation conducted by the board to allow the selection authority to review the considerations upon which the recommendations are based.

36.602-4 Selection authority.

- (a) The final selection decision shall be made by the agency head or a designated selection authority.
- (b) The selection authority shall review the recommendations of the evaluation board and shall, with the advice of appropriate technical and staff representatives, make the final selection. This final selection shall be a listing, in order of preference, of the firms considered most highly qualified to perform the work. If the firm listed as the most preferred is not the firm recommended as the most highly qualified by the evaluation board, the selection authority shall provide for the contract file a written explanation of the reason for the preference. All firms on the final selection list are considered "selected firms" with which the contracting officer may negotiate in accordance with 36.606.
- (c) The selection authority shall not add firms to the selection report. If the firms recommended in the report are not deemed to be qualified or the report is considered inadequate for any reason, the selection authority shall record the reasons and return the report through channels to the evaluation board for appropriate revision.
- (d) The board shall be promptly informed of the final selection.

36.602-5 Short selection process for contracts not to exceed the simplified acquisition threshold.

When authorized by the agency, either or both of the short processes described in this subsection may be used to select firms for contracts not expected to exceed the simplified acquisition threshold. Otherwise, the procedures prescribed in 36.602-3 and 36.602-4 shall be followed.

- (a) *Selection by the board.* The board shall review and evaluate architect-engineer firms in accordance with 36.602-3, except that the selection report shall serve as the final selection list and shall be provided directly to the contracting officer. The report shall serve as an authorization for the contracting officer to commence negotiations in accordance with 36.606.
- (b) *Selection by the chairperson of the board.* When the board decides that formal action by the board is not necessary in connection with a particular selection, the following procedures shall be followed:
- (1) The chairperson of the board shall perform the functions required in 36.602-3.
 - (2) The agency head or designated selection authority shall review the report and approve it or return it to the chairperson for appropriate revision.
 - (3) Upon receipt of an approved report, the chairperson of the board shall furnish the contracting officer a copy of the report which will serve as an authorization for the contracting officer to commence negotiations in accordance with 36.606.

36.603 Collecting data on and appraising firms' qualifications.

- (a) *Establishing offices.* Agencies shall maintain offices or permanent evaluation boards, or arrange to use the offices or boards of other agencies, to receive and maintain data on firms wishing to be considered for Government contracts. Each office or board shall be assigned a jurisdiction by its parent agency, making it responsible for a geographical region or area, or a specialized type of construction.
- (b) *Qualifications data.* To be considered for architect-engineer contracts, a firm must file with the

appropriate office or board the Standard Form 254 (SF 254), "Architect-Engineer and Related Services Questionnaire," and when applicable, the Standard Form 255 (SF 255), "Architect-Engineer and Related Services Questionnaire for Specific Project."

(c) *Data files and the classification of firms.* Under the direction of the parent agency, offices or permanent evaluation boards shall maintain an architect-engineer qualifications data file. These offices or boards shall review the SF's 254 and 255 filed, and shall classify each firm with respect to--

(1) Location;

(2) Specialized experience;

(3) Professional capabilities; and

(4) Capacity, with respect to the scope of work that can be undertaken. A firm's ability and experience in computer-assisted design should be considered, when appropriate.

(d) *Currency of files.* Any office or board maintaining qualifications data files shall review and update each file at least once a year. This process should include:

(1) Encouraging firms to submit annually an updated statement of qualifications and performance data on a SF 254.

(2) Reviewing the SF's 254 and 255 and, if necessary, updating the firm's classification (see 36.603(c)).

(3) Recording any contract awards made to the firm in the past year.

(4) Assuring that the file contains a copy of each pertinent performance report (see 36.604).

(5) Discarding any material that has not been updated within the past three years, if it is no longer pertinent, see 36.604(c).

(6) Posting the date of the review in the file.

(e) *Use of data files.* Evaluation boards and other appropriate Government employees, including contracting officers, shall use data files on firms.

36.604 Performance evaluation.

(a) *Preparation of performance reports.* For each contract of more than \$25,000, performance evaluation reports shall be prepared by the cognizant contracting activity, using the SF 1421, Performance Evaluation (Architect-Engineer). Performance evaluation reports may also be prepared for contracts of \$25,000 or less.

(1) A report shall be prepared after final acceptance of the A&E contract work or after contract termination. Ordinarily, the evaluating official who prepares this report should be the person responsible for monitoring contract performance.

(2) A report may also be prepared after completion of the actual construction of the project.

(3) In addition to the reports in subparagraphs (a)(1) and (2) of this section, interim reports may be prepared at any time.

(4) If the evaluating official concludes that a contractor's overall performance was unsatisfactory, the contractor shall be advised in writing that a report of unsatisfactory performance is being prepared and the basis for the report. If the contractor submits any written comments, the evaluating official shall include them in the report, resolve any alleged factual discrepancies, and make appropriate changes in the report.

(5) The head of the contracting activity shall establish procedures which ensure that fully qualified personnel prepare and review performance reports.

(b) *Review of performance reports.* Each performance report shall be reviewed to ensure that it is accurate and fair. The reviewing official should have knowledge of the contractor's performance and should normally be at an organizational level above that of the evaluating official.

(c) *Distribution and use of performance reports.* Each performance report shall be distributed in accordance with agency procedures. The report shall be included in the contract file, and copies shall be sent to offices or boards for filing with the firm's qualifications data (see 36.603(d)(4)). The contracting activity shall retain the report for at least six years after the date of the report.

36.605 Government cost estimate for architect-engineer work.

(a) An independent Government estimate of the cost of architect-engineer services shall be prepared and furnished to the contracting officer before commencing negotiations for each proposed contract or contract modification expected to exceed \$100,000. The estimate shall be prepared on the basis of a detailed analysis of the required work as though the Government were submitting a proposal.

(b) Access to information concerning the Government estimate shall be limited to Government personnel whose official duties require knowledge of the estimate. An exception to this rule may be made during contract negotiations to allow the contracting officer to identify a specialized task and disclose the associated cost breakdown figures in the Government estimate, but only to the extent deemed necessary to arrive at a fair and reasonable price. The overall amount of the Government's estimate shall not be disclosed except as permitted by agency regulations.

36.606 Negotiations.

(a) Unless otherwise specified by the selection authority, the final selection authorizes the contracting officer to begin negotiations. Negotiations shall be conducted in accordance with Part 15 of this chapter, beginning with the most preferred firm in the final selection (see 15.404-4(c)(4)(i) on fee limitation and the determination and findings requirement at 16.306(c)(2) for a cost-plus-fixed-fee contract).

(b) The contracting officer should ordinarily request a proposal from the firm, ensuring that the solicitation does not inadvertently preclude the firm from proposing the use of modern design methods.

(c) The contracting officer shall inform the firm that no construction contract may be awarded to the firm that designed the project, except as provided in 36.209.

(d) During negotiations, the contracting officer should seek advance agreement (see 31.109) on any charges

for computer-assisted design. When the firm's proposal does not cover appropriate modern and cost-effective design methods (e.g., computer-assisted design), the contracting officer should discuss this topic with the firm.

(e) Because selection of firms is based upon qualifications, the extent of any subcontracting is an important negotiation topic. The clause prescribed at 44.204(b), Subcontractors and Outside Associates and Consultants (Architect-Engineer Services) (see 52.244-4), limits a firm's subcontracting to firms agreed upon during negotiations.

(f) If a mutually satisfactory contract cannot be negotiated, the contracting officer shall obtain a written best and final offer from the firm, and notify the firm that negotiations have been terminated. The contracting officer shall then initiate negotiations with the next firm on the final selection list. This procedure shall be continued until a mutually satisfactory contract has been negotiated. If negotiations fail with all selected firms, the contracting officer shall refer the matter to the selection authority who, after consulting with the contracting officer as to why a contract cannot be negotiated, may direct the evaluation board to recommend additional firms in accordance with 36.602.

36.607 Release of information on firm selection.

(a) After final selection has taken place, the contracting officer may release information identifying only the architect-engineer firm with which a contract will be negotiated for certain work. The work should be described in any release only in general terms, unless information relating to the work is classified. If negotiations are terminated without awarding a contract to the highest rated firm, the contracting officer may release that information and state that negotiations will be undertaken with another (named) architect-engineer firm. When an award has been made, the contracting officer may release award information (see 5.401).

(b) Debriefings of successful and unsuccessful firms will be held after final selection has taken place and will be conducted, to the extent practicable, in accordance with 15.503, 15.506(b) through (f), 15.507(c), and 15.506(d)(2) through (d)(5). Note that 15.506(d)(2) through (d)(5) do not apply to architect-engineer contracts.

36.608 Liability for Government costs resulting from design errors or deficiencies.

Architect-engineer contractors shall be responsible for the professional quality, technical accuracy, and coordination of all services required under their contracts. A firm may be liable for Government costs resulting from errors or deficiencies in designs furnished under its contract. Therefore, when a modification to a construction contract is required because of an error or deficiency in the services provided under an architect-engineer contract, the contracting officer (with the advice of technical personnel and legal counsel) shall consider the extent to which the architect-engineer contractor may be reasonably liable. The contracting officer shall enforce the liability and collect the amount due, if the recoverable cost will exceed the administrative cost involved or is otherwise in the Government's interest. The contracting officer shall include in the contract file a written statement of the reasons for the decision to recover or not to recover the costs from the firm.

36.609 Contract clauses.

36.609-1 Design within funding limitations.

(a) The Government may require the architect-engineer contractor to design the project so that construction costs will not exceed a contractually specified dollar limit (funding limitation). If the price of construction proposed in response to a Government solicitation exceeds the construction funding limitation in the architect-engineer contract, the firm shall be solely responsible for redesigning the project within the funding limitation. These additional services shall be performed at no increase in the price of this contract. However, if the cost of proposed construction is affected by events beyond the firm's reasonable control (e.g., if there is an increase in material costs which could not have been anticipated, or an undue delay by the Government in issuing a construction solicitation), the firm shall not be obligated to redesign at no cost to the Government. If a firm's design fails to meet the contractual limitation on construction cost and the Government determines that the firm should not redesign the project, a written statement of the reasons for that determination shall be placed in the contract file.

(b) The amount of the construction funding limitation (to be inserted in paragraph (c) of the clause at 52.236-22) is to be established during negotiations between the contractor and the Government. This estimated construction contract price shall take into account any statutory or other limitations and exclude any allowances for Government supervision and overhead and any amounts set aside by the Government for contingencies. In negotiating the amount, the contracting officer should make available to the contractor the information upon which the Government has based its initial construction estimate and any subsequently acquired information that may affect the construction costs.

(c) The contracting officer shall insert the clause at 52.236-22, Design Within Funding Limitations, in fixed-price architect-engineer contracts except when--

- (1) The head of the contracting activity or a designee determines in writing that cost limitations are secondary to performance considerations and additional project funding can be expected, if necessary;
- (2) The design is for a standard structure and is not intended for a specific location; or
- (3) There is little or no design effort involved.

36.609-2 Redesign responsibility for design errors or deficiencies.

(a) Under architect-engineer contracts, contractors shall be required to make necessary corrections at no cost to the Government when the designs, drawings, specifications, or other items or services furnished contain any errors, deficiencies, or inadequacies. If, in a given situation, the Government does not require a firm to correct such errors, the contracting officer shall include a written statement of the reasons for that decision in the contract file.

(b) The contracting officer shall insert the clause at 52.236-23, Responsibility of the Architect-Engineer Contractor, in fixed-price architect-engineer contracts.

36.609-3 Work oversight in architect-engineer contracts.

The contracting officer shall insert the clause at 52.236-24, Work Oversight in Architect-Engineer Contracts, in all architect-engineer contracts.

36.609-4 Requirements for registration of designers.

The contracting officer shall insert the clause at 52.236-25, Requirements for Registration of Designers, in architect-engineer contracts, except that it may

be omitted from a contract when the design is to be performed--

(a) Outside the United States, its possessions, or Puerto Rico, or

(b) In a State or possession that does not have registration requirements for the particular field involved.

APPENDIX B

Defense Federal Acquisition Regulations Subpart 236.6 – Architect-Engineer Services

SUBPART 236.6—ARCHITECT-ENGINEER SERVICES
(Revised September 21, 1999)

236.601 Policy.

(1) 10 U.S.C. 2807(b) requires notice to Congress 21 days before the initial obligation of funds if a contract is for—

(i) A-E services or construction design for military construction, military family housing, or restoration or replacement of damaged or destroyed facilities; and

(ii) An estimated total contract price of \$500,000 or more.

(2) During the 21 day period, synopsis of the proposed contract action and administrative actions leading to the award may be started.

236.602 Selection of firms for architect-engineer contracts.

236.602-1 Selection criteria.

(a)(i) Establish the evaluation criteria before making the public announcement required by FAR 5.205(c) and include the criteria and their relative order of importance in the announcement. The evaluation criteria should be project specific. Use the information in the DD Form 1391, FY__ Military Construction Project Data, when available, and other pertinent project data in preparing the evaluation criteria.

(4) Use performance evaluation data from the central data base identified in 236.201.

(6) The primary factor in A-E selection is the determination of the most highly qualified firm. Also consider secondary factors such as geographic proximity and equitable distribution of work, but do not attribute greater significance to the secondary factors than to qualifications and past performance. Do not reject the overall most highly qualified firm solely in the interest of equitable distribution of contracts.

(A) Consider the volume of work awarded by DoD during the previous 12 months. In considering equitable distribution of work among A-E firms, include small business concerns; historically black colleges and universities and minority institutions; firms that have not had prior DoD contracts; and small disadvantaged business concerns and joint ventures with small disadvantaged business participants if the Standard Industrial Classification Major Group of the acquisition is one in which use of a price evaluation adjustment is currently authorized (see FAR 19.201(b)).

(1) Use data extracted from the Defense Contract Action Data System (DCADS) compiled from DD Form 350, Individual Contracting Action Report. DCADS data may be obtained from the central data base identified in 236.201(c)(1).

(2) Do not consider awards to overseas offices for projects outside the United States, its territories and possessions. Do not consider awards to a subsidiary if the subsidiary is not normally subject to management decisions, bookkeeping, and policies of a holding or parent company or an incorporated subsidiary

that operates under a firm name different from the parent company. This allows greater competition.

(B) Consider as appropriate superior performance evaluations on recently completed DoD contracts.

(C) Consider the extent to which potential contractors identify and commit to small business, to small disadvantaged business (SDB) if the Standard Industrial Classification Major Group of the subcontracted effort is one in which use of an evaluation factor or subfactor for participation of SDB concerns is currently authorized (see FAR 19.201(b)), and to historically black college or university and minority institution performance as subcontractors.

236.602-2 Evaluation boards.

(a) Preselection boards may be used to identify to the selection board the qualified firms that have a reasonable chance of being considered as most highly qualified by the selection board.

236.602-4 Selection authority.

(a) The selection authority shall be at a level appropriate for the dollar value and nature of the proposed contract.

(c) A finding that some of the firms on the selection report are unqualified does not preclude approval of the report, provided that a minimum of three most highly qualified firms remains. The reasons for finding a firm or firms unqualified must be recorded.

236.602-70 Restriction on award of overseas architect-engineer contracts to foreign firms.

In accordance with Section 111 of Pub. L. 104-32 and similar sections in subsequent military construction appropriations acts, A-E contracts funded by military construction appropriations that are estimated to exceed \$500,000 and are to be performed in Japan, in any North Atlantic Treaty Organization member country, or in countries bordering the Arabian Gulf, shall be awarded only to United States firms or to joint ventures of United States and host nation firms.

236.604 Performance evaluation.

(a) *Preparation of performance reports.* Use DD Form 2631, Performance Evaluation (Architect-Engineer), instead of SF 1421.

(2) Prepare a separate performance evaluation after actual construction of the project. Ordinarily, the evaluating official should be the person most familiar with the A-E's performance.

(c) *Distribution and use of performance reports.*

(i) Forward each performance report to the central data base identified in 236.201(c) after completing the review. The procedures in 236.201 also apply to A-E contracts.

(ii) File and use the DD Form 2631, Performance Evaluation (Architect-Engineer), in a manner similar to the SF 254, Architect-Engineer and Related Services Questionnaire.

236.606 Negotiations.

236.606-70 Statutory fee limitation.

(a) 10 U.S.C. 4540, 7212, and 9540 limit the contract price (or fee) for A-E services for the preparation of designs, plans, drawings, and specifications to six percent of the project's estimated construction cost.

(b) The six percent limit also applies to contract modifications, including modifications involving—

(1) Work not initially included in the contract. Apply the six percent limit to the revised total estimated construction cost.

(2) *Redesign.* Apply the six percent limit as follows—

(i) Add the estimated construction cost of the redesign features to the original estimated construction cost;

(ii) Add the contract cost for the original design to the contract cost for redesign; and

(iii) Divide the total contract design cost by the total estimated construction cost. The resulting percentage may not exceed the six percent statutory limitation.

(c) The six percent limit applies only to that portion of the contract (or modification) price attributable to the preparation of designs, plans, drawings, and specifications. If a contract or modification also includes other services, the part of the price attributable to the other services is not subject to the six percent limit.

236.609 Contract clauses.

236.609-70 Additional provision and clause.

(a)(1) Use the clause at 252.236-7009, Option for Supervision and Inspection Services, in solicitations and contracts for A-E services when—

(i) The contract will be fixed price; and

(ii) Supervision and inspection services by the A-E may be required during construction.

(2) Include the scope of such services in Appendix A of the contract.

(b) Use the provision at 252.236-7011, Overseas Architect-Engineer Services--Restriction to United States Firms, in solicitations for A-E contracts that are—

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- (1) Funded with military construction appropriations;
- (2) Estimated to exceed \$500,000; and
- (3) To be performed in Japan, in any North Atlantic Treaty Organization member country, or in countries bordering the Arabian Gulf.

APPENDIX C

Federal Acquisition Regulations Part 52 (partial) – Architect-Engineer Contract Clauses

**52.232-10 Payments under Fixed-Price
Architect-Engineer Contracts.**

As prescribed in 32.111(d)(1), insert the following clause:

**PAYMENTS UNDER FIXED-PRICE
ARCHITECT-ENGINEER CONTRACTS
(AUG 1987)**

(a) Estimates shall be made monthly of the amount and value of the work accomplished and services performed by the Contractor under this contract which meet standards of quality established under this contract. The estimates shall be prepared by the Contractor and accompanied by and supporting data required by the Contracting Officer.

(b) Upon approval of the estimate by the Contracting Officer, payment upon properly executed vouchers shall be made to the Contractor, as soon as practicable, of 90 percent of the approved amount, less all previous payments; *provided*, that payment may be made in full during any months in which the Contracting Officer determines that performance has been satisfactory. Also, whenever the Contracting Officer determines that the work is substantially complete and that the amount retained is in excess of the amount adequate for the protection of the Government, the Contracting Officer may release the excess amount to the Contractor.

(c) Upon satisfactory completion by the Contractor and acceptance by the Contracting Officer of the work done by the Contractor under the "Statement of Architect-Engineer Services", the Contractor will be paid the unpaid balance of any money due for work under the statement, including retained percentages relating to this portion of the work. Upon satisfactory completion and final acceptance of the construction work, the Contractor shall be paid any unpaid balance of money due under the contract.

(d) Before final payment under the contract, or before settlement upon termination of the contract, and as a condition precedent thereto, the Contractor shall execute and deliver to the Contracting Officer a release of all claims against the Government arising under or by virtue of this contract, other than any claims that are specifically excepted by the Contractor from the operation of the release in amounts stated in the release.

(e) Notwithstanding any other provision in this contract, and specifically paragraph (b) of this clause, progress payments shall not exceed 80 percent on work accomplished on undefinitized contract actions. A "contract action" is any action resulting in a contract, as defined in FAR Subpart 2.1, including contract modifications for additional supplies or services, but not including contract modifications that are within the scope and under the terms of the contract, such as contract modifications issued pursuant to the Changes clause, or funding and other administrative changes.

(End of clause)

52.236-22 Design Within Funding Limitations.

As prescribed in 32.609-1(c), insert the following clause:

**DESIGN WITHIN FUNDING
LIMITATIONS (AUG 1984)**

(a) The Contractor shall accomplish the design services required under this contract so as to permit the award of a contract, using standard Federal Acquisition Regulation procedures for the construction of the facilities designed at a price that does not exceed the estimated construction contract price as set forth in paragraph (c) below. When bids or proposals for the construction contract are received that exceed the estimated price, the contractor shall perform such redesign and other services as are necessary to permit contract award within the funding limitation. These additional services shall be performed at no increase in the price of this contract. However, the Contractor shall not be required to perform such additional services at no cost to the Government if the unfavorable bids or proposals are the result of conditions beyond its reasonable control.

(b) The Contractor will promptly advise the Contracting Officer if it finds that the project being designed will exceed or is likely to exceed the funding limitations and it is unable to design a usable facility within these limitations. Upon receipt of such information, the Contracting Officer will review the Contractor's revised estimate of construction cost. The Government may, if it determines that the estimated construction contract price set forth in this contract is so low that award of a construction contract not in excess of such estimate is improbable, authorize a change in scope or materials as required to reduce the estimated construction cost to an amount within the estimated construction contract price set forth in paragraph (c) below, or the Government may adjust such estimated construction contract price. When bids or proposals are not solicited or are unreasonably delayed, the Government shall prepare an estimate of constructing the design submitted and such estimate shall be used in lieu of bids or proposals to determine compliance with the funding limitation.

(c) The estimated construction contract price for the project described in this contract is \$.....

(End of clause)

52.236-23 Responsibility of the Architect-Engineer Contractor.

As prescribed in 32.609-2(b), insert the following clause:

RESPONSIBILITY OF THE ARCHITECT-ENGINEER CONTRACTOR (APR 1984)

(a) The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by the Contractor under this contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiencies in its designs, drawings, specifications, and other services.

(b) Neither the Government's review, approval or acceptance of, nor payment for, the services required under this contract shall be construed to operate as a waiver of any rights under this contract or of any cause of action arising out of the performance of this contract, and the Contractor shall be and remain liable to the Government in accordance with applicable law for all damages to the Government caused by the Contractor's negligent performance of any of the services furnished under this contract.

(c) The rights and remedies of the Government provided for under this contract are in addition to any other rights and remedies provided by law.

(d) If the Contractor is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

(End of clause)

52.236-24 Work Oversight in Architect-Engineer Contracts

As prescribed in 32.609-3, insert the following clause:

WORK OVERSIGHT IN ARCHITECT-ENGINEER CONTRACTS (APR 1984)

The extent and character of the work to be done by the Contractor shall be subject to the general oversight, supervision, direction, control, and approval of the Contacting Officer.

(End of clause)

52.236-25 Requirements for Registration of Designers.

As prescribed in 32.609-4, insert the following clause in fixed price architect-engineer contracts, except that it may be omitted when the design is to be performed (a) outside the United States, its possessions, and Puerto Rico or (b) in a State or possession that does not have registration requirements for the particular field involved.

REQUIREMENTS FOR REGISTRATION OF DESIGNERS (APR 1984)

The design of architectural, structural, mechanical, electrical, civil, or other engineering features of the work shall be accomplished or reviewed and approved by architects or engineers registered to practice in the particular professional field involved in a State or possession of the United States, in Puerto Rico, or in the District of Columbia.

(End of clause)

52.244-4 Subcontractors and Outside Associates and Consultants

As prescribed in 44-204(d), insert the following clause in fixed-price architect-engineer contracts:

SUBCONTRACTORS AND OUTSIDE ASSOCIATES AND CONSULTANTS (APR 1984)

Any subcontractors and outside associates or consultants required by the Contractor in connection with the services covered by the contract will be limited to individuals or firms that were specifically identified and agreed to during negotiations. The Contractor shall obtain the Contracting Officer's written consent before making any substitution for these subcontractors, associates, or consultants.

(End of clause)

52.249-7 Termination (Fixed-Price Architect-Engineer).

As prescribed in 49.503(b), insert the following clause in solicitations and contracts for architect-engineer services when a fixed-price contract is contemplated:

TERMINATION (FIXED-PRICE ARCHITECT-ENGINEER) (APR 1984)

(a) The Government may terminate this contract in whole or, from time to time, in part, for the Government's convenience or because of the failure of the Contractor to fulfill the contract obligations. The Contracting Officer shall terminate by delivering to the Contractor a Notice of Termination specifying the nature, extent, and effective date of the termination. Upon receipt of the notice, the Contractor shall (1) immediately discontinue all services affected (unless the notice directs otherwise), and (2) deliver to the Contracting Officer all data, drawings, specifications, reports, estimates, summaries, and other information and materials accumulated in performing this contract, whether completed or in process.

(b) If the termination is for the convenience of the Government, the Contracting Officer shall make an equitable adjustment in the contract price but shall allow no anticipated profit on unperformed services.

(c) If the termination is for failure of the Contractor to fulfill the contract obligations, the Government may complete the work by contract or otherwise and the Contractor shall be liable for any additional cost incurred by the Government.

(d) If, after termination for failure to fulfill contract obligations, it is determined that the Contractor had not failed, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Government.

(e) The rights and remedies of the Government provided in this clause are in addition to any other rights and remedies provided by law or under this contract.

(End of clause)

252.227-7022 Government rights (unlimited)

As prescribed in 227.7107-1(a), use the following clause:

**GOVERNMENT RIGHTS
(UNLIMITED)(MAR 1979)**

The Government shall have unlimited rights, in all drawings, designs, specifications, notes and other works developed in the performance of this contract, including the right to use same on any other Government design or construction without additional compensation to the Contractor. The Contractor hereby grants to the Government a paid-up license throughout the world to all such works to which he may assert or establish any claim under design patent or copyright laws. The Contractor for a period of three (3) years after completion of the project agrees to furnish the original or copies of all such works on the request of the Contracting Officer.

(End of clause)

252.227-7023 Drawings and other data to become property of government.

As prescribed in 227.7107-1(b), use the following clause::

**DRAWINGS AND OTHER DATA TO
BECOME PROPERTY OF GOVERNMENT
(MAR 1979)**

All designs, drawings, specifications, notes and other works developed in the performance of this contract shall become the sole property of the Government and may be used on any other design or construction and may be used on any other design or construction without additional compensation to the Contractor. The Government shall be considered the "person for who the work was prepared" for the purpose of authorship in any copyrightable work under 17 U.S.C. 201(b). With respect thereto, the Contractor agrees not to assert or authorize others to assert any rights nor establish any claim under the design patent or copyright laws. The Contractor for a period of three (3) years after completion of the project agrees to furnish all retained works on the request of the Contracting Officer. Unless otherwise provided in this contract, the Contractor shall have the right to retain copies of all works beyond such period.

(End of clause)

APPENDIX D

Standard Form 254 Architect-Engineer and Related Services Questionnaire

STANDARD Architect-Engineer FORM (SF) and Related Services 254 Questionnaire

Form Approved
OMB No. 9000-0004

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (VRS), Office of Federal Acquisition and Regulatory Policy, GSA, Washington, D.C. 20405; and to the Office of Management and Budget, Paperwork Reduction Project (9000-0004), Washington, D.C. 20503

Purpose:

The policy of the Federal Government in acquiring architectural, engineering, and related professional services is to encourage firms lawfully engaged in the practice of those professions to submit annually a statement of qualifications and performance data. Standard Form 254, "Architect-Engineer and Related Services Questionnaire," is provided for that purpose. Interested A-E firms (including new, small, and/or minority firms) should complete and file SF 254's with each Federal agency and with appropriate regional or district offices for which the A-E is qualified to perform services. The agency head for each proposed project shall evaluate these qualification resumes, together with any other performance data on file or requested by the agency, in relation to the proposed project. The SF 254 may be used as a basis for selecting firms for discussions, or for screening firms preliminary to inviting submission of additional information.

Definitions:

"**Architect-Engineer Services**" are defined in Part 36 of the Federal Acquisition Regulation. "**Parent Company**" is that firm, company, corporation, association or conglomerate which is the major stockholder or highest tier owner of the firm completing this questionnaire; i.e., Firm A is owned by Firm B which is, in turn, a subsidiary of Corporation C. The "parent company" of Firm A is Corporation C.

"**Principals**" are those individuals in a firm who possess legal responsibility for its management. They may be owners, partners, corporate officers, associates, administrators, etc.

"**Discipline**," as used in this questionnaire, refers to the primary technological capability of individuals in the responding firm. Possession of an academic degree, professional registration, certification, or extensive experience in a particular field of practice normally reflects an individual's primary technical discipline.

"**Joint Venture**" is a collaborative undertaking by two or more firms or individuals for which the participants are both jointly and individually responsible.

"**Consultant**," as used in this questionnaire, is a highly specialized individual or firm having significant input and responsibility for certain aspects of a project and possessing unusual or unique capabilities for assuring success of the finished work.

"**Prime**" refers to that firm which may be coordinating the concerted and complementary inputs of several firms. Individuals or related services to produce a completed study or facility. The "prime" would normally be regarded as having full responsibility and liability for quality of performance by itself as well as by subcontractor professionals under its jurisdiction.

"**Branch Office**" is a satellite, or subsidiary extension, of a headquarters office of a company regardless of any differences in name or legal structure of such a branch due to local or state laws. "Branch offices" are normally subject to the management decisions, bookkeeping, and policies of the main office.

Instructions for Filing (Numbers below correspond to numbers contained in the form).

1. Type accurate and complete name of submitting firm, its address, and zip code.
 - 1a. Indicate whether form is being submitted in behalf of a parent firm or a branch office. (Branch office submissions should list only personnel in, and experience of, that office.)
2. Provide date the firm was established under the name shown in question 1.
3. Show date on which form is prepared. All information submitted shall be current and accurate as of this date.

4. Enter type of ownership, or legal structure, of firm (sole proprietor, partnership, corporation, joint venture, etc).
- Check appropriate boxes indicating if firm is (a) small business concern, (b) a small business concern owned and operated by socially and economically disadvantaged individuals; and (c) Woman-owned (See 48 CFR 19.101 and 62.219-9).

5. Branches of subsidiaries of large or parent companies, or conglomerates, should insert name and address of highest-tier owner.
- 5a. If present firm is the successor to, or outgrowth of, one or more predecessor firms, show name(s) of former entity(ies) and the year(s) of their original establishment.

6. List not more than two principals from submitting firm who may be contacted by the agency receiving this form. (Different principals may be listed on forms going to another agency.) Listed principals must be empowered to speak for the firm on policy and contractual matters.

7. Beginning with the submitting office, list name, location, total number of personnel and telephone numbers for all associated or branch offices, (including any headquarters or foreign offices) which provide A-E and related services.

- 7a. Show total personnel in all offices. (Should be sum of all personnel, all branches.)

8. Show total number of employees, by discipline, in submitting office. (*If form is being submitted by main or headquarters office, firm should list total employees, by discipline, in all offices.) While some personnel may be qualified in several disciplines, each person should be counted only once in accord with his or her primary function. Include clerical personnel as "administrative." Write in any additional disciplines--sociologists, biologists, etc.--and number of people in each, in blank spaces.

STANDARD FORM (SF) 254

Architect-Engineer and Related Services Questionnaire

9. Using chart (below) insert appropriate index number to indicate range of professional services fees received by submitting firm each calendar year for last five years, most recent year first. Fee summaries should be broken down to reflect the fees received each year for (a) work performed directly for the Federal Government (not including grant and loan projects) or as a sub to other professionals performing work directly for the Federal Government; (b) all other domestic work, U.S. and possessions, including Federally-assisted projects, and (c) all other foreign work.

Ranges of Professional Services Fees

INDEX		INDEX	
1. Less than \$100,000		5. \$1 million to \$2 million	
2. \$100,000 to \$250,000		6. \$2 million to \$5 million	
3. \$250,000 to \$500,000		7. \$5 million to \$10 million	
4. \$500,000 to \$1 million		8. \$10 million or greater	

10. Select and enter, in numerical sequence **not more than thirty (30)** "Experience Profile Code" numbers from the listing (next page) which most accurately reflect submitting firm's demonstrated technical capabilities and project experience. **Carefully review list.** (It is recognized some profile codes may be part of other services or projects contained on list; firms are encouraged to select profile codes which best indicate type and scope of services provided on past projects.) For each code number, show total number of projects and gross fees (in thousands) received for profile projects performed by firm during past few years. If firm has one or more capabilities not included on list, insert same in blank spaces at end of list and show numbers in question 10 on the form. In such cases, the filled-in listing must accompany the complete SF 254 when submitted to the Federal agencies.

11. Using the "Experience Profile Code" numbers in the same sequence as entered in Item 10, give details of at least one recent (within last five years) representative project for each code number, up to a **maximum of thirty (30)** separate project, or portions of projects, for which firm was responsible. (Project examples may be used more than once to illustrate different services rendered on the same job. Example: a dining hall may be part of an auditorium or educational facility.) Firms which select less than thirty "profile codes" may list two or more project examples (to illustrate specialization) for each code number so long as total of all project examples does not exceed thirty (30). After each code number in question 11, show: (a) whether the firm was "P," the prime professional, or "C," a consultant, or "JV," part of a joint venture on that particular project (new firms, in existence less than five (5) years may use the symbol "IE" to indicate "Individual Experience" as opposed to firm experience); (b) provide name and location of the specific project, which typifies firm's (or individual's) performance under that code category; (c) give name and address of the owner of that project (if government agency indicate responsible office); (d) show the estimated construction cost (or other applicable cost) for that portion of the project for which the firm was primarily responsible. (Where no construction was

involved, show approximated cost of firm's work); and (e) state year work on that particular project was, or will be completed.

12. The completed SF 254 should be signed by a principal of the firm, preferable the chief executive officer.

13. Additional data, brochures, photos, etc. should not accompany the form unless specifically requested.

NEW FIRMS (not reorganized or recently-amalgamated firms) are eligible and encouraged to seek work from the Federal Government in connection with performance of projects for which they are qualified. Such firms are encouraged to complete and submit Standard Form 254 to appropriate agencies. Questions on the form dealing with personnel or experience may be answered by citing experience and capabilities of individuals in the firm, while in the employee of others. In so doing, notation of this fact should be made on the form. In question 9, write in "N/A" to indicate "not applicable" for those years prior to firm's organization.

**Experience Profile Code Numbers
for use with questions 10 and 11**

- 001 Acoustics
- 002 Aerial Photogrammetry
- 003 Agricultural Development, Grain Storage, Farm Mechanization
- 004 Air Pollution Control
- 005 Airports, Navals, Airport Lighting, Aircraft Fueling
- 006 Airports, Terminals & Hangars, Freight Handling
- 007 Arctic Facilities
- 008 Auditoriums & Theaters
- 009 Automation; Controls, Instrumentation
- 010 Barracks; Dormitories
- 011 Bridges
- 012 Cemeteries (Planning & Relocation)
- 013 Chemical Processing & Storage
- 014 Churches; Chapels
- 015 Codes; Standards, Ordinances
- 016 Cold Storage; Refrigeration; Fast Freeze
- 017 Commercial Building (low rise); Shopping Centers
- 018 Communications Systems; TV; Microwave
- 019 Computer Facilities; Computer Service
- 020 Conservation and Resource Management
- 021 Construction Management
- 022 Corrosion Control; Cathodic Protection; Electrolysis
- 023 Cost Estimating
- 024 Dams (Concrete; Arch)
- 025 Dams (Earth; Rock); Dikes, Levees
- 026 Desalinization (Process & Facilities)
- 027 Dining Halls; Clubs; Restaurants
- 028 Ecological & Archeological Investigations
- 029 Educational Facilities; Classrooms
- 030 Electronics
- 031 Elevators; Escalators; People-Movers
- 032 Energy Conservation; New Energy Sources
- 033 Environmental Impact Studies; Assessments or Statements
- 034 Fallout Shelters; Blast-Resistant Design
- 035 Field Houses; Gyms; Stadiums
- 036 Fire Protection
- 037 Fisheries; Fish Ladders
- 038 Forestry & Forest Products
- 039 Garages, Vehicle Maintenance Facilities; Parking Decks
- 040 Gas Systems (Propane, Natural, Etc.)
- 041 Graphic Design

- 042 Harbors; Jetties; Piers; Chip Terminal Facilities
- 043 Heating; Ventilating; Air Conditioning
- 044 Health Systems Planning
- 045 Highrise; Air-Rights-Type Buildings
- 046 Highways; Streets; Airfield Paving Parking Lots
- 047 Historical Preservation
- 048 Hospital & Medical Facilities
- 049 Hotels; Motel
- 050 Housing (Residential, Multi-Family; Apartments; Condominiums)
- 051 Hydraulics & Pneumatics
- 052 Industrial Buildings; Manufacturing Plants
- 053 Industrial Processes; Quality Control
- 054 Industrial Waste Treatment
- 055 Interior Design; Space Planning
- 056 Irrigation; Drainage
- 057 Judicial and Courtroom Facilities
- 058 Laboratories; Medical Research Facilities
- 059 Landscape Architecture
- 060 Libraries; Museums; Galleries
- 061 Lighting (Interiors; Display; Theatre, Etc.)
- 062 Lighting (Exteriors; Streets, Memorials; Athletic Field, Etc.)
- 063 Materials Handling Systems; Conveyors; Sorters
- 064 Metallurgy
- 065 Microclimatology; Tropical Engineering
- 066 Military Design Standards
- 067 Mining & Mineralogy
- 068 Missile Facilities (Silos; Fuels; Transport)
- 069 Modular Systems Design; Pre-Fabricated Structures or Components
- 070 Naval Architecture; Off-Shore Platforms
- 071 Nuclear Facilities; Nuclear Shielding
- 072 Office Buildings; Industrial Parks
- 073 Oceanographic Engineering
- 074 Ordnance; Munitions; Special Weapons
- 075 Petroleum Exploration; Refining
- 076 Petroleum and Fuel (Storage and Distribution)
- 077 Pipelines (Cross-Country - Liquid & Gas)
- 078 Planning (Community, Regional, Areawide and State)
- 079 Planning (Site, Installation, and Project)
- 080 Plumbing & Piping Design
- 081 Pneumatic Structures, Air-Support Buildings
- 082 Postal Facilities
- 083 Power Generation, Transmission; Distribution
- 084 Prisons & Correctional Facilities
- 085 Product, Machine & Equipment Design
- 086 Radar; Sonar; Radio & Radar Telescopes
- 087 Railroad; Rapid Transit
- 088 Recreation Facilities (Parks, Marinas Etc.)
- 089 Rehabilitation (Buildings; Structures; Facilities)
- 090 Resource Recovery; Recycling
- 091 Radio Frequency Systems & Shields
- 092 Rivers; Canals; Waterways; Flood Control
- 093 Safety Engineering; Accident Studies; OSHA studies
- 094 Security Systems; Intruder & Smoke Detection
- 095 Seismic Designs & Studies
- 096 Sewage Collection; Treatment and Disposal
- 097 Soils & Geologic Studies; Foundations
- 098 Solar Energy Utilization
- 099 Solid Wastes; Incinerator; Land Fill
- 100 Special Environments; Clean Rooms; Etc.
- 101 Structural Design; Special Structures
- 102 Surveying; Platting; Mapping; Flood Plain Studies
- 103 Swimming Pools
- 104 Storm Water Handling & Facilities
- 105 Telephone Systems (Rural; Mobile; Intercom, Etc.)
- 106 Testing & Inspection Services
- 107 Traffic & Transportation Engineering
- 108 Towers (Self-Supporting & Guyed Systems)
- 109 Tunnels & Subways
- 110 Urban Renewals; Community Development
- 111 Utilities (Gas & Steam)
- 112 Value Analysis; Life-Cycle Costing
- 113 Warehouses & Depots
- 114 Water Resources; Hydrology; Ground Water
- 115 Water Supply; Treatment and Distribution
- 116 Wind Tunnels; Research/Testing Facilities Design
- 117 Zoning; Land Use Studies
- 201
- 202
- 203
- 204
- 205

STANDARD FORM (SF)

254

Architect-Engineer and Related Services Questionnaire

1. Firm Name/Business Address

2. Year Present Firm
Established

3. Date Prepared

4. Specify type of ownership and check below, if
applicable

A. Small Business

B. Small Disadvantaged Business

C. Woman-owned Business

1a. Submittal is for ☐ Parent Company ☐ Branch or Subsidiary Office

5. Name of Parent Company, if any:

5a. Former Parent Company Name(s), if any, and Year(s) Established:

6. Names of not more than Two Principals to Contact: Title/Telephone

1)

2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Total Personnel

8. Personnel by Discipline: (List each person only once, by primary function)

Administrative
Architects
Chemical Engineers
Civil Engineers
Construction Inspectors
Draftsmen
Ecologists
Economists

Electrical Engineers
Estimators
Geologists
Hydrologists
Interior Designers
Landscape Architects
Mechanical Engineers
Mining Engineers

Oceanographers
Planners: Urban/Regional
Sanitary Engineers
Soils Engineers
Specifications Writers
Structural Engineers
Surveyors
Transportation Engineers

9. Summary of Professional Services Fees

Received: (insert index number)

Direct Federal contract work, including overseas
All other domestic work
All other foreign work*

Last 5 Years (most recent year first)

19 19 19 19 19

Ranges of Professional Services Fees

INDEX

1. Less than \$100,000
2. \$100,000 to \$250,000
3. \$250,000 to \$500,000
4. \$500,000 to \$1 million
5. \$1 million to \$2 million
6. \$2 million to \$5 million
7. \$5 million to \$10 million
8. \$10 million or greater

*Firms interested in foreign work, but without such experience, check here ☐

10. Profile of Firm's Project Experience, Last 5 Years

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1)			11)			21)		
2)			12)			22)		
3)			13)			23)		
4)			14)			24)		
5)			15)			25)		
6)			16)			26)		
7)			17)			27)		
8)			18)			28)		
9)			19)			29)		
10)			20)			30)		

11. Project Examples, Last 5 Years

Profile Code	"P," "C," "JV," or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
		1			
		2			
		3			
		4			
		5			
		6			
		7			

	20										
	21										
	22										
	23										
	24										
	25										
	26										
	27										
	28										
	29										
	30										

12. The foregoing is a statement of facts

Signature: _____

Typed Name and Title: _____

Date: _____

APPENDIX E

Standard Form 255 Architect-Engineer and Related Services Questionnaire for Specific Project

**STANDARD
FORM (SF)
255**

**Architect-Engineer
and Related Services
Questionnaire for
Specific Project**

**Form Approved
OMB No. 9000-0005**

Public reporting burden for this collection of information is estimated to average 1.2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (VRS), Office of Federal Acquisition and Regulatory Policy, GSA, Washington, D.C. 20405; and to the Office of Management and Budget, Paperwork Reduction Project (9000-0005), Washington, D.C. 20503

Purpose:

This form is a supplement to the "Architect-Engineer and Related Services Questionnaire"

(SF 254). Its purpose is to provide additional information regarding the qualifications of interested firms to undertake a specific Federal A-E project. Firms, or branch offices of firms, submitting this form should enclose (or already have on file with the appropriate office of the agency) a current (within the past year) and accurate copy of the SF 254 for that office.

The procurement official responsible for each proposed project may request submission of the SF255 "Architect-Engineer and Related Services Questionnaire for Specific Project" in accord with applicable civilian and military procurement regulations and shall evaluate such submissions, as well as related information contained on the Standard Form 254, and any other performance data on file with the agency, and shall select firms for subsequent discussions leading to contract award in conformance with Public Law 92-582. This form should only be filed by an architect-engineer or related services firm when requested to do so by the agency or by a public announcement. Responses should be as complete and accurate as possible, contain data relative to the specific project for which you wish to be considered, and should be provided, by the required due date, to the office specified in the request or public announcement.

This form will be used only for the specified project. Do not refer to this submittal in response to other requests or public announcements.

Definitions:

"**Architect-Engineer Services**" are defined in Part 36 of the Federal Acquisition Regulation. "**Principals**" are those individuals in a firm who possess legal responsibility for its management. They may be owners, partners, corporate officers, associates, administrators, etc. "**Discipline**," as used in this questionnaire, refers to the primary technological capability of individuals in the responding firm. Possession of an academic degree, professional registration, certification, or extensive experience in a particular field of practice normally reflects an individual's primary technical discipline.

"**Joint Venture**" is a collaborative undertaking by two or more firms or individuals for which the participants are both jointly and individually responsible.

"**Key Persons, Specialists, and Individual Consultants**," as used in this questionnaire, refer to individuals who will have major project responsibility or will provide unusual or unique capabilities for the project under consideration.

Instructions for Filing (Numbers below correspond to numbers contained in the form).

1. Give name and location of the project for which this form is being submitted.
2. Provide appropriate data from the Commerce Business Daily (CBD) identifying the particular project for which this form is being filed.

2a. Give the date of the Commerce Business Daily in which the project announcement appeared, or indicate "not applicable" (N/A) if the source of the announcement is other than the CBD.

3. Show the name and address of the individual or firm (or joint venture) which is submitting this form for the project.

3a. List the name, title, and telephone number of that principal who will serve as the point of contact. Such an individual must be empowered to speak for the firm on policy and contractual matters and should be familiar with the programs and procedures of the agency to which this form is directed.

3b. Give the address of the specific office which will have responsibility for performing the announced work.

4. Insert the number of consultant personnel by discipline proposed for subject project on line (A). Insert the number of in-house personnel by discipline proposed for subject project on line (B).

While some personnel may be qualified in several disciplines, each person should be counted only once in accord with his or her primary function. Include clerical personnel as "administrative." Write in any additional disciplines -- sociologists, biologists, etc. -- and number of people in each, in blank spaces.

5. Answer only if this form is being submitted by a joint venture of two or more collaborating firms. Show the names and addresses of all individuals or organizations expected to be included as part of the joint venture and describe their particular areas of anticipated responsibility (i.e., technical disciplines, administration, financial, sociological, environmental, etc.)

5a. Indicate, by checking the appropriate box, whether this particular joint venture has worked together on other projects.

Each firm participating in the joint venture should have a Standard Form 254 on file with the contracting office receiving this form. Firms which do not have such forms on file should provide same immediately along with a notation at the top of page 1 of the form regarding their association with this joint venture submittal.

STANDARD **Architect-Engineer**
FORM (SF) **and Related Services**
255 **Questionnaire for**
 Specific Project

Standard Form 255
General Services Administration
Washington, D.C. 20405

6. If respondent is not a joint venture, but intends to use outside (as opposed to in-house or permanently and formally affiliated) consultants or associates, he should provide names and addresses of all such individuals or firms, as well as their particular areas of technical/professional expertise, as it relates to this project. Existence of previous working relationships should be noted. If more than eight outside consultants or associates are anticipated, attach an additional sheet containing requested information.
7. Regardless of whether respondent is a joint venture or an independent firm, provide brief resumes of key personnel expected to participate on this project. Care should be taken to limit resumes to only those personnel and specialists who will have major project responsibilities. Each resume must include: (a) name of each key person and specialist and his or her title, (b) the project assignment or role which that person will be expected to fulfill in connection with this project, (c) the name of the firm or organization, if any, with whom that individual is presently associated, (d) years of relevant experience with present firm and other firms, (e) the highest academic degree achieved and the discipline covered (if more than one highest degree, such as two Ph.D.'s, list both), the year received and the particular technical/professional discipline which that individual will bring to the project, (f) if registered as an architect, engineer, surveyor, etc., show only the field of registration and the year that such registration was first acquired. If registered in several states, do not list states, and (g) a synopsis of experience, training, or other qualities which reflect individual's potential contribution to this project. Include such data as familiarity with Government or agency procedures, similar type of work performed in the past, management abilities, familiarity with the geographic area, relevant foreign language capabilities, etc. Please limit synopsis of experience to directly relevant information.
8. List up to ten projects which demonstrate the firm's or joint venture's competence to perform work similar to that likely to be required on this project. The more recent such projects, the better. Prime consideration will be given to projects which illustrate respondent's capability for performing work similar to that being sought. Required information must include: (a) name and location of project, (b) brief description of type and extent of services provided for each project (submissions by joint ventures should indicate which member of the joint venture was the prime on that particular project and what role it played), (c) name and address of the owner of that project (if Government agency, indicate responsible office), and name and phone number of individual to contact for reference (preferably the project manager), (d) completion date (actual when available, otherwise estimated), (e) total construction cost of completed project (or where no construction was involved, the approximate cost of your work) and that portion of the cost of the project for which the named firm was/is responsible.

9. List only those projects which the A-E firm or joint venture, or members of the joint venture, are currently performing under direct contract with an agency or department of the Federal Government. Exclude any grant or loan projects being financed by the Federal Government entities. Information provided under each heading is similar to that requested in the preceding item 8, except for (d) "Percent Complete." Indicate in this item the percentage of A-E work completed upon filling this form.
10. Through narrative discussion, show reason why the firm or joint venture submitting this questionnaire believes it is especially qualified to undertake the project. Information provided should include, but not be limited to, such data as: specialized equipment available for this work, any awards or recognition received by a firm or individuals for similar work, required security clearances, special approaches or concepts developed by the firm relevant to this project, etc. Respondents may say anything they wish in support of their qualifications. When appropriate, respondents may supplement the proposal with graphic material and photographs which best demonstrate design capabilities of the team proposed for this project.
11. Complete forms should be signed by the chief executive officer by the joint venture (thereby attesting to the concurrence and commitment of all members of the joint venture), or by the architect-engineer principal responsible for the conduct of the work in the event it is awarded to the organization submitting this form. Joint ventures selected for subsequent discussions regarding this project must make available a statement of participation signed by a principal of each member of the joint venture. ALL INFORMATION IN THE FORM SHOULD BE CURRENT AND FACTUAL.

**STANDARD
FORM (SF)**

255

Architect-Engineer
and Related Services
Questionnaire for
Specific Project

1. Project Name/Location for which Firm is Filing:

2a. Commerce Business
Daily Announcement
Date, if any:

2b. Agency Identification
Number, if any:

3. Firm (or Joint-Venture) Name & Address

3a. Name, Title & Telephone Number of Principal to Contact

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline: (List each person only once, by primary function.) Enter proposed consultant personnel to be utilized on this project on line (A) and in-house personnel on line (B).

(A) _____	(B) _____	Administrative	(A) _____	(B) _____	Oceanographers	(A) _____	(B) _____
(A) _____	(B) _____	Architects	(A) _____	(B) _____	Planners: Urban/Regional	(A) _____	(B) _____
(A) _____	(B) _____	Chemical Engineers	(A) _____	(B) _____	Sanitary Engineers	(A) _____	(B) _____
(A) _____	(B) _____	Civil Engineers	(A) _____	(B) _____	Soils Engineers	(A) _____	(B) _____
(A) _____	(B) _____	Construction Inspectors	(A) _____	(B) _____	Specifications Writers	(A) _____	(B) _____
(A) _____	(B) _____	Draftsmen	(A) _____	(B) _____	Structural Engineers	(A) _____	(B) _____
(A) _____	(B) _____	Ecologists	(A) _____	(B) _____	Surveyors	(A) _____	(B) _____
(A) _____	(B) _____	Economists	(A) _____	(B) _____	Transportation Engineers	(A) _____	(B) _____
						Total Personnel	

5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ Yes ☐ No

6. If respondent is not a joint-venture, list outside key Consultants/Associates anticipated for this project (Attach SF 254 for Consultants/Associates listed, if not already on file with the Contracting Office).		
Name & Address	Specialty	Worked with Prime before (Yes or No)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

a. Name & Title:		a. Name & Title:	
b. Project Assignment:		b. Project Assignment:	
c. Name of Firm with which associated:		c. Name of Firm with which associated:	
d. Years experience: With this Firm _____ With Other Firms _____		d. Years experience: With this Firm _____ With Other Firms _____	
e. Education: Degree(s)/Year/Specialization		e. Education: Degree(s)/Year/Specialization	
f. Active Registration: Year First Registered/Discipline		f. Active Registration: Year First Registered/Discipline	
g. Other Experience and Qualifications relevant to the proposed project:		g. Other Experience and Qualifications relevant to the proposed project:	

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.	
a. Name & Title:	a. Name & Title:
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated:	c. Name of Firm with which associated:
d. Years experience: With this Firm _____ With Other Firms _____	d. Years experience: With this Firm _____ With Other Firms _____
e. Education: Degree(s)/Year/Specialization	e. Education: Degree(s)/Year/Specialization
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

<p>a. Name & Title:</p>	<p>a. Name & Title:</p>
<p>b. Project Assignment:</p>	<p>b. Project Assignment:</p>
<p>c. Name of Firm with which associated:</p>	<p>c. Name of Firm with which associated:</p>
<p>d. Years experience: With this Firm _____ With Other Firms _____</p> <p>e. Education: Degree(s)/Year/Specialization</p>	<p>d. Years experience: With this Firm _____ With Other Firms _____</p> <p>e. Education: Degree(s)/Year/Specialization</p>
<p>f. Active Registration: Year First Registered/Discipline</p>	<p>f. Active Registration: Year First Registered/Discipline</p>
<p>g. Other Experience and Qualifications relevant to the proposed project:</p>	<p>g. Other Experience and Qualifications relevant to the proposed project:</p>

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

a. Name & Title:	a. Name & Title:
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated:	c. Name of Firm with which associated:
d. Years experience: With this Firm _____ With Other Firms _____	d. Years experience: With this Firm _____ With Other Firms _____
e. Education: Degree(s)/Year/Specialization	e. Education: Degree(s)/Year/Specialization
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:

8. Work by firms or joint-venture members which best illustrates current qualifications relevant to this project (list not more than 10 projects).

a. Project Name and Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (in Thousands)	
				Entire Project	Work for Which Firm Was/is Responsible
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

9. All work by firms or joint-venture members currently being performed directly for Federal agencies.

a. Project Name and Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name and Address and Project Manager's Name & Phone Number	d. Percent Complete)	e. Estimated Cost (in Thousands)	
				Entire Project	Work for Which Firm Was/s Responsible

10. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

11. The foregoing is a statement of facts.

Signature: _____

Typed Name and Title: _____

Date: _____

APPENDIX F

Federal Acquisition Regulations Part 31 – Contract Cost Principles and Procedures

PART 31—CONTRACT COST PRINCIPLES AND PROCEDURES

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- 31.002 Availability of accounting guide.

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- 31.102 Fixed-price contracts.
- 31.103 Contracts with commercial organizations.
- 31.104 Contracts with educational institutions.
- 31.105 Construction and architect-engineer contracts.
- 31.106 Facilities contracts.
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- 31.205-17 Idle facilities and idle capacity costs.
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- 31.205-22 Lobbying and political activity costs.

- 31.205-23 Losses on other contracts.
- 31.205-24 Maintenance and repair costs.
- 31.205-25 Manufacturing and production engineering costs.
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- 31.205-27 Organization costs.
- 31.205-28 Other business expenses.
- 31.205-29 Plant protection costs.
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Subpart 31.3—Contracts with Educational Institutions

- 31.301 Purpose.
- 31.302 General.
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Subparts 31.4 and 31.5—[Reserved]

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- 31.601 Purpose.
- 31.602 General.
- 31.603 Requirements.

Subpart 31.7—Contracts with Nonprofit Organizations

- 31.701 Purpose.
- 31.702 General.
- 31.703 Requirements.

31.000 Scope of part.

This part contains cost principles and procedures for—

(a) The pricing of contracts, subcontracts, and modifications to contracts and subcontracts whenever cost analysis is performed (see 15.404-1(c)); and

(b) The determination, negotiation, or allowance of costs when required by a contract clause.

31.001 Definitions.

"Accrued benefit cost method" means an actuarial cost method under which units of benefits are assigned to each cost accounting period and are valued as they accrue; *i.e.*, based on the services performed by each employee in the period involved. The measure of normal cost under this method for each cost accounting period is the present value of the units of benefit deemed to be credited to employees for service in that period. The measure of the actuarial accrued liability at a plan's inception date is the present value of the units of benefit credited to employees for service prior to that date. (This method is also known as the unit credit cost method without salary projection.).

"Accumulating costs" means collecting cost data in an organized manner, such as through a system of accounts.

"Actual cash value" means the cost of replacing damaged property with other property of like kind and quality in the physical condition of the property immediately before the damage.

"Actual costs" as used in this part (other than Subpart 31.6), means amounts determined on the basis of costs incurred, as distinguished from forecasted costs. Actual costs include standard costs properly adjusted for applicable variances.

"Actuarial accrued liability" means pension cost attributable, under the actuarial cost method in use, to years prior to the current period considered by a particular actuarial valuation. As of such date, the actuarial accrued liability represents the excess of the present value of future benefits and administrative expenses over the present value of future normal costs for all plan participants and beneficiaries. The excess of the actuarial accrued liability over the actuarial value of the assets of a pension plan is the unfunded actuarial liability. The excess of the actuarial value of the assets of a pension plan over the actuarial accrued liability is an actuarial surplus and is treated as a negative unfunded actuarial liability.

"Actuarial assumption" means an estimate of future conditions affecting pension cost; *e.g.*, mortality rate, employee turnover, compensation levels, earnings on pension plan assets, and changes in values of pension plan assets.

"Actuarial cost method" means a technique that uses actuarial assumptions to measure the present value of future pension benefits and pension plan administrative expenses, and that assigns the cost of such benefits and expenses to cost accounting periods. The actuarial cost method includes the asset valuation method used to determine the actuarial value of the assets of a pension plan.

"Actuarial gain and loss" means the effect on pension cost resulting from differences between actuarial assumptions and actual experience.

"Actuarial valuation" means the determination, as of a specified date, of the normal cost, actuarial accrued liability,

actuarial value of the assets of a pension plan, and other relevant values for the pension plan.

"Allocate" means to assign an item of cost, or a group of items of cost, to one or more cost objectives. This term includes both direct assignment of cost and the reassignment of a share from an indirect cost pool.

"Business unit" means any segment of an organization, or an entire business organization which is not divided into segments.

"Compensated personal absence" means any absence from work for reasons such as illness, vacation, holidays, jury duty, military training, or personal activities for which an employer pays compensation directly to an employee in accordance with a plan or custom of the employer.

"Cost input" means the cost, except general and administrative (G&A) expenses, which for contract costing purposes is allocable to the production of goods and services during a cost accounting period.

"Cost objective," as used in this part (other than Subpart 31.6), means a function, organizational subdivision, contract, or other work unit for which cost data are desired and for which provision is made to accumulate and measure the cost of processes, products, jobs, capitalized projects, etc.

"Cost of capital committed to facilities" means an imputed cost determined by applying a cost of money rate to facilities capital.

"Deferred compensation" means an award made by an employer to compensate an employee in a future cost accounting period or periods for services rendered in one or more cost accounting periods before the date of the receipt of compensation by the employee. This definition shall not include the amount of year end accruals for salaries, wages, or bonuses that are to be paid within a reasonable period of time after the end of a cost accounting period.

"Defined-benefit pension plan" means a pension plan in which the benefits to be paid, or the basis for determining such benefits, are established in advance and the contributions are intended to provide the stated benefits.

"Defined-contribution pension plan" means a pension plan in which the contributions to be made are established in advance and the benefits are determined thereby.

"Directly associated cost" means any cost which is generated solely as a result of the incurrence of another cost, and which would not have been incurred had the other cost not been incurred.

"Estimating costs" means the process of forecasting a future result in terms of cost, based upon information available at the time.

"Expressly unallowable cost" means a particular item or type of cost which, under the express provisions of an applicable law, regulation, or contract, is specifically named and stated to be unallowable.

PART 31—CONTRACT COST PRINCIPLES AND PROCEDURES

"Facilities capital" means the net book value of tangible capital assets and of those intangible capital assets that are subject to amortization.

"Final cost objective" as used in this part (other than Subparts 31.3 and 31.6), means a cost objective that has allocated to it both direct and indirect costs and, in the contractor's accumulation system, is one of the final accumulation points.

"Fiscal year" as used in this part, means the accounting period for which annual financial statements are regularly prepared, generally a period of 12 months, 52 weeks, or 53 weeks.

"Funded pension cost" means the portion of pension cost for a current or prior cost accounting period that has been paid to a funding agency.

"General and administrative (G&A) expense" means any management, financial, and other expense which is incurred by or allocated to a business unit and which is for the general management and administration of the business unit as a whole. G&A expense does not include those management expenses whose beneficial or causal relationship to cost objectives can be more directly measured by a base other than a cost input base representing the total activity of a business unit during a cost accounting period.

"Home office" means an office responsible for directing or managing two or more, but not necessarily all, segments of an organization. It typically establishes policy for, and provides guidance to, the segments in their operations. It usually performs management, supervisory, or administrative functions, and may also perform service functions in support of the operations of the various segments. An organization which has intermediate levels, such as groups, may have several home offices which report to a common home office. An intermediate organization may be both a segment and a home office.

"Immediate-gain actuarial cost method" means any of the several actuarial cost methods under which actuarial gains and losses are included as part of the unfunded actuarial liability of the pension plan, rather than as part of the normal cost of the plan.

"Independent research and development (IR&D) cost" means the cost of effort which is neither sponsored by a grant, nor required in performing a contract, and which falls within any of the following four areas—

- (a) Basic research,
- (b) Applied research,
- (c) Development, and
- (d) Systems and other concept formulation studies.

"Indirect cost pools" as used in this part (other than Subparts 31.3 and 31.6), means groupings of incurred costs identified with two or more cost objectives but not identified specifically with any final cost objective.

"Insurance administration expenses" means the contractor's costs of administering an insurance program; e.g., the costs of operating an insurance or risk-management depart-

ment, processing claims, actuarial fees, and service fees paid to insurance companies, trustees, or technical consultants.

"Intangible capital asset" means an asset that has no physical substance, has more than minimal value, and is expected to be held by an enterprise for continued use or possession beyond the current accounting period for the benefits it yields.

"Job" as used in this part, means a homogeneous cluster of work tasks, the completion of which serves an enduring purpose for the organization. Taken as a whole, the collection of tasks, duties, and responsibilities constitutes the assignment for one or more individuals whose work is of the same nature and is performed at the same skill/responsibility level—as opposed to a position, which is a collection of tasks assigned to a specific individual. Within a job, there may be pay categories which are dependent on the degree of supervision required by the employee while performing assigned tasks which are performed by all persons with the same job.

"Job class of employees" as used in this part, means employees performing in positions within the same job.

"Labor cost at standard" means a preestablished measure of the labor element of cost, computed by multiplying labor-rate standard by labor-time standard.

"Labor market," as used in this part, means a place where individuals exchange their labor for compensation. Labor markets are identified and defined by a combination of the following factors—

- (1) Geography,
- (2) Education and/or technical background required,
- (3) Experience required by the job,
- (4) Licensing or certification requirements,
- (5) Occupational membership, and
- (6) Industry.

"Labor-rate standard" means a preestablished measure, expressed in monetary terms, of the price of labor.

"Labor-time standard" means a preestablished measure, expressed in temporal terms, of the quantity of labor.

"Material cost at standard" means a preestablished measure of the material elements of cost, computed by multiplying material-price standard by material-quantity standard.

"Material-price standard" means a preestablished measure, expressed in monetary terms, of the price of material.

"Material-quantity standard" means a preestablished measure, expressed in physical terms, of the quantity of material.

"Moving average cost" means an inventory costing method under which an average unit cost is computed after each acquisition by adding the cost of the newly acquired units to the cost of the units of inventory on hand and dividing this figure by the new total number of units.

"Nonqualified pension plan" means any pension plan other than a qualified pension plan as defined in this part.

"Normal cost" means the annual cost attributable, under the actuarial cost method in use, to current and future years

31.001

as of a particular valuation date excluding any payment in respect of an unfunded actuarial liability.

"Original complement of low cost equipment" means a group of items acquired for the initial outfitting of a tangible capital asset or an operational unit, or a new addition to either. The items in the group individually cost less than the minimum amount established by the contractor for capitalization for the classes of assets acquired but in the aggregate they represent a material investment. The group, as a complement, is expected to be held for continued service beyond the current period. Initial outfitting of the unit is completed when the unit is ready and available for normal operations.

"Pay-as-you-go cost method" means a method of recognizing pension cost only when benefits are paid to retired employees or their beneficiaries.

"Pension plan" means a deferred compensation plan established and maintained by one or more employers to provide systematically for the payment of benefits to plan participants after their retirements, provided that the benefits are paid for life or are payable for life at the option of the employees. Additional benefits such as permanent and total disability and death payments, and survivorship payments to beneficiaries of deceased employees, may be an integral part of a pension plan.

"Pension plan participant" means any employee or former employee of an employer or any member or former member of an employee organization, who is or may become eligible to receive a benefit from a pension plan which covers employees of such employer or members of such organization who have satisfied the plan's participation requirements, or whose beneficiaries are receiving or may be eligible to receive any such benefit. A participant whose employment status with the employer has not been terminated is an active participant of the employer's pension plan.

"Pricing" means the process of establishing a reasonable amount or amounts to be paid for supplies or services.

"Profit center," as used in this part (other than Subparts 31.3 and 31.6), means the smallest organizationally independent segment of a company charged by management with profit and loss responsibilities.

"Projected average loss" means the estimated long-term average loss per period for periods of comparable exposure to risk of loss.

"Projected benefit cost method" means either—

(1) Any of the several actuarial cost methods that distribute the estimated total cost of all of the employees' prospective benefits over a period of years, usually their working careers; or

(2) A modification of the accrued benefit cost method that considers projected compensation levels.

"Proposal" means any offer or other submission used as a basis for pricing a contract, contract modification, or termination settlement or for securing payments thereunder.

"Qualified pension plan" means a pension plan comprising a definite written program communicated to and for the exclusive benefit of employees that meets the criteria deemed essential by the Internal Revenue Service as set forth in the Internal Revenue Code for preferential tax treatment regarding contributions, investments, and distributions. Any other plan is a nonqualified pension plan.

"Residual value" means the proceeds, less removal and disposal costs, if any, realized upon disposition of a tangible capital asset. It usually is measured by the net proceeds from the sale or other disposition of the asset, or its fair value if the asset is traded in on another asset. The estimated residual value is a current forecast of the residual value.

"Segment" means one of two or more divisions, product departments, plants, or other subdivisions of an organization reporting directly to a home office, usually identified with responsibility for profit and/or producing a product or service. The term includes Government-owned contractor-operated (GOCO) facilities, and joint ventures and subsidiaries (domestic and foreign) in which the organization has a majority ownership. The term also includes those joint ventures and subsidiaries (domestic and foreign) in which the organization has less than a majority of ownership, but over which it exercises control.

"Self-insurance" means the assumption or retention of the risk of loss by the contractor, whether voluntarily or involuntarily. Self-insurance includes the deductible portion of purchased insurance.

"Self-insurance charge" means a cost which represents the projected average loss under a self-insurance plan.

"Service life" means the period of usefulness of a tangible capital asset (or group of assets) to its current owner. The period may be expressed in units of time or output. The estimated service life of a tangible capital asset (or group of assets) is a current forecast of its service life and is the period over which depreciation cost is to be assigned.

"Spread-gain actuarial cost method" means any of the several projected benefit actuarial cost methods under which actuarial gains and losses are included as part of the current and future normal costs of the pension plan.

"Standard cost" means any cost computed with the use of preestablished measures.

"Tangible capital asset" means an asset that has physical substance, more than minimal value, and is expected to be held by an enterprise for continued use or possession beyond the current accounting period for the services it yields.

"Termination of employment gain or loss" means an actuarial gain or loss resulting from the difference between the assumed and actual rates at which pension plan participants separate from employment for reasons other than retirement, disability, or death.

"Unallowable cost" means any cost which, under the provisions of any pertinent law, regulation, or contract, cannot be included in prices, cost-reimbursements, or settlements under a Government contract to which it is allocable.

"Variance" means the difference between a preestablished measure and an actual measure.

"Weighted average cost" means an inventory costing method under which an average unit cost is computed periodically by dividing the sum of the cost of beginning inventory plus the cost of acquisitions by the total number of units included in these two categories.

31.002 Availability of accounting guide.

Contractors needing assistance in developing or improving their accounting systems and procedures may request a copy of the guide entitled "Information for Contractors" (DCAAP 7641.90). The guide is available from—

Headquarters, Defense Contract Audit Agency
Operating Administrative Office
8725 John J Kingman Road, Suite 2135
Fort Belvoir, VA 22060-6219
Telephone No. (703) 767-1066
Telefax No. (703) 767-1061.

Subpart 31.1—Applicability

31.100 Scope of subpart.

This subpart describes the applicability of the cost principles and procedures in succeeding subparts of this part to various types of contracts and subcontracts. It also describes the need for advance agreements.

31.101 Objectives.

In recognition of differing organizational characteristics, the cost principles and procedures in the succeeding subparts are grouped basically by organizational type; *e.g.*, commercial concerns and educational institutions. The overall objective is to provide that, to the extent practicable, all organizations of similar types doing similar work will follow the same cost principles and procedures. To achieve this uniformity, individual deviations concerning cost principles require advance approval of the agency head or designee. Class deviations for the civilian agencies require advance approval of the Civilian Agency Acquisition Council. Class deviations for the National Aeronautics and Space Administration require advance approval of the Associate Administrator for Procurement. Class deviations for the Department of Defense require advance approval of the Director of Defense Procurement, Office of the Under Secretary of Defense for Acquisition and Technology.

31.102 Fixed-price contracts.

The applicable subparts of Part 31 shall be used in the pricing of fixed-price contracts, subcontracts, and modifications to contracts and subcontracts whenever (a) cost analysis is performed, or (b) a fixed-price contract clause requires the determination or negotiation of costs. However, application of cost principles to fixed-price contracts and subcontracts shall not be construed as a requirement to negotiate agreements on individual elements of cost in arriving at agreement on the total price. The final price accepted by the parties reflects agreement only on the total price. Further, notwithstanding the mandatory use of cost principles, the objective will continue to be to negotiate prices that are fair and reasonable, cost and other factors considered.

31.103 Contracts with commercial organizations.

This category includes all contracts and contract modifications for supplies, services, or experimental, developmental, or research work negotiated with organizations other than educational institutions (see 31.104), construction and architect-engineer contracts (see 31.105), State and local governments (see 31.107) and nonprofit organizations (see 31.108) on the basis of cost.

(a) The cost principles and procedures in Subpart 31.2 and agency supplements shall be used in pricing negotiated supply, service, experimental, developmental, and research contracts and contract modifications with commercial organizations whenever cost analysis is performed as required by 15.404-1(c).

(b) In addition, the contracting officer shall incorporate the cost principles and procedures in Subpart 31.2 and agency supplements by reference in contracts with commercial organizations as the basis for—

- (1) Determining reimbursable costs under—
 - (i) Cost-reimbursement contracts and cost-reimbursement subcontracts under these contracts performed by commercial organizations and
 - (ii) The cost-reimbursement portion of time-and-materials contracts except when material is priced on a basis other than at cost (see 16.601(b)(3));
- (2) Negotiating indirect cost rates (see Subpart 42.7);
- (3) Proposing, negotiating, or determining costs under terminated contracts (see 49.103 and 49.113);
- (4) Price revision of fixed-price incentive contracts (see 16.204 and 16.403);
- (5) Price redetermination of price redetermination contracts (see 16.205 and 16.206); and
- (6) Pricing changes and other contract modifications.

31.104 Contracts with educational institutions.

This category includes all contracts and contract modifications for research and development, training, and other work performed by educational institutions.

(a) The contracting officer shall incorporate the cost principles and procedures in Subpart 31.3 by reference in cost-reimbursement contracts with educational institutions as the basis for—

(1) Determining reimbursable costs under the contracts and cost-reimbursement subcontracts thereunder performed by educational institutions;

(2) Negotiating indirect cost rates; and

(3) Settling costs of cost-reimbursement terminated contracts (see Subpart 49.3 and 49.109-7).

(b) The cost principles in this subpart are to be used as a guide in evaluating costs in connection with negotiating fixed-price contracts and termination settlements.

31.105 Construction and architect-engineer contracts.

(a) This category includes all contracts and contract modifications negotiated on the basis of cost with organizations other than educational institutions (see 31.104), State and local governments (see 31.107), and nonprofit organizations except those exempted under OMB Circular A-122 (see 31.108) for construction management or construction, alteration or repair of buildings, bridges, roads, or other kinds of real property. It also includes architect-engineer contracts related to construction projects. It does not include contracts for vessels, aircraft, or other kinds of personal property.

(b) Except as otherwise provided in (d) of this section, the cost principles and procedures in Subpart 31.2 shall be used in the pricing of contracts and contract modifications in this category if cost analysis is performed as required by 15.404-1(c).

(c) In addition, the contracting officer shall incorporate the cost principles and procedures in Subpart 31.2 (as modified by (d) of this section by reference in contracts in this category as the basis for—

(1) Determining reimbursable costs under cost-reimbursement contracts, including cost-reimbursement subcontracts thereunder;

(2) Negotiating indirect cost rates;

(3) Proposing, negotiating, or determining costs under terminated contracts;

(4) Price revision of fixed-price incentive contracts; and

(5) Pricing changes and other contract modifications.

(d) Except as otherwise provided in this paragraph (d), the allowability of costs for construction and architect-engineer contracts shall be determined in accordance with Subpart 31.2.

(1) Because of widely varying factors such as the nature, size, duration, and location of the construction project, advance agreements as set forth in 31.109, for such items as home office overhead, partners' compensation, employment of consultants, and equipment usage costs, are particularly important in construction and architect-engi-

neer contracts. When appropriate, they serve to express the parties' understanding and avoid possible subsequent disputes or disallowances.

(2) "Construction equipment," as used in this section, means equipment (including marine equipment) in sound workable condition, either owned or controlled by the contractor or the subcontractor at any tier, or obtained from a commercial rental source, and furnished for use under Government contracts.

(i) Allowable ownership and operating costs shall be determined as follows:

(A) Actual cost data shall be used when such data can be determined for both ownership and operations costs for each piece of equipment, or groups of similar serial or series equipment, from the contractor's accounting records. When such costs cannot be so determined, the contracting agency may specify the use of a particular schedule of predetermined rates or any part thereof to determine ownership and operating costs of construction equipment (see subdivisions (d)(2)(i)(B) and (C) of this section). However, costs otherwise unallowable under this part shall not become allowable through the use of any schedule (see 31.109(c)). For example, schedules need to be adjusted for Government contract costing purposes if they are based on replacement cost, include unallowable interest costs, or use improper cost of money rates or computations. Contracting officers should review the computations and factors included within the specified schedule and ensure that unallowable or unacceptably computed factors are not allowed in cost submissions.

(B) Predetermined schedules of construction equipment use rates (e.g., the Construction Equipment Ownership and Operating Expense Schedule, published by the U.S. Army Corps of Engineers, industry sponsored construction equipment cost guides, or commercially published schedules of construction equipment use cost) provide average ownership and operating rates for construction equipment. The allowance for operating costs may include costs for such items as fuel, filters, oil, and grease; servicing, repairs, and maintenance; and tire wear and repair. Costs of labor, mobilization, demobilization, overhead, and profit are generally not reflected in schedules, and separate consideration may be necessary.

(C) When a schedule of predetermined use rates for construction equipment is used to determine direct costs, all costs of equipment that are included in the cost allowances provided by the schedule shall be identified and eliminated from the contractor's other direct and indirect costs charged to the contract. If the contractor's accounting system provides for site or home office overhead allocations, all costs which are included in the equipment allowances may need to be included in any cost input base before computing the contractor's overhead rate. In periods

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of suspension of work pursuant to a contract clause, the allowance for equipment ownership shall not exceed an amount for standby cost as determined by the schedule or contract provision.

(ii) Reasonable costs of renting construction equipment are allowable (but see paragraph (C) of this subsection).

(A) Costs, such as maintenance and minor or running repairs incident to operating such rented equipment, that are not included in the rental rate are allowable.

(B) Costs incident to major repair and overhaul of rental equipment are unallowable.

(C) The allowability of charges for construction equipment rented from any division, subsidiary, or organization under common control, will be determined in accordance with 31.205-36(b)(3).

(3) Costs incurred at the job site incident to performing the work, such as the cost of superintendence, timekeeping and clerical work, engineering, utility costs, supplies, material handling, restoration and cleanup, etc., are allowable as direct or indirect costs, provided the accounting practice used is in accordance with the contractor's established and consistently followed cost accounting practices for all work.

(4) Rental and any other costs, less any applicable credits incurred in acquiring the temporary use of land, structures, and facilities are allowable. Costs, less any applicable credits, incurred in constructing or fabricating structures and facilities of a temporary nature are allowable.

31.106 Facilities contracts.

31.106-1 Applicable cost principles.

The cost principles and procedures applicable to the evaluation and determination of costs under facilities contracts (as defined in 45.301), and subcontracts thereunder, will be governed by the type of entity to which a facilities contract is awarded. Except as otherwise provided in 31.106-2 of this section, Subpart 31.2 applies to facilities contracts awarded to commercial organizations; Subpart 31.3 applies to facilities contracts awarded to educational institutions; and 31.105 applies to facilities contracts awarded to construction contractors. Whichever cost principles are appropriate will be used in the pricing of facilities contracts and contract modifications if cost analysis is performed as required by 15.404-1(c). In addition, the contracting officer shall incorporate the cost principles and procedures appropriate in the circumstances (e.g., Subpart 31.2; Subpart 31.3; or 31.105) by reference in facilities contracts as the basis for—

(a) Determining reimbursable costs under facilities contracts, including cost-reimbursement subcontracts thereunder;

(b) Negotiating indirect cost rates; and

(c) Determining costs of terminated contracts when the contractor elects to "voucher out" costs (see Subpart 49.3), and for settlement by determination (see 49.109-7).

31.106-2 Exceptions to general rules on allowability and allocability.

(a) A contractor's established accounting system and procedures are normally directed to the equitable allocation of costs to the types of products which the contractor produces or services rendered in the course of normal operating activities. The acquisition of, or work on, facilities for the Government normally does not involve the manufacturing processes, plant departmental operations, cost patterns of work, administrative and managerial control, or clerical effort usual to production of the contractor's normal products or services.

(b) Advance agreements (see 31.109) should be made between the contractor and the contracting officer as to indirect cost items to be applied to the facilities acquisition. A contractor's normal accounting practice for allocating indirect costs to the acquisition of contractor facilities may range from charging all these costs to this acquisition to not charging any. When necessary to produce an equitable result, the contractor's usual method of allocating indirect cost shall be varied, and appropriate adjustment shall be made to the pools of indirect cost and the bases of their distribution.

(c) The purchase of completed facilities (or services in connection with the facilities) from outside sources does not involve the contractor's direct labor or indirect plant maintenance personnel. Accordingly, indirect manufacturing and plant overhead costs, which are primarily incurred or generated by reason of direct labor or maintenance labor operations, are not allocable to the acquisition of such facilities.

(d) Contracts providing for the installation of new facilities or the rehabilitation of existing facilities may involve the use of the contractor's plant maintenance labor, as distinguished from direct labor engaged in the production of the company's normal products. In such instances, only those types of indirect manufacturing and plant operating costs that are related to or incurred by reason of the expenditures of the classes of labor used for the performance of the facilities work may be allocated to the facilities contract. Thus, a facilities contract which involves the use of plant maintenance labor only would not be subject to an allocation of such cost items as direct productive labor supervision, depreciation, and maintenance expense applicable to productive machinery and equipment, or raw material and finished goods storage costs.

(e) Where a facilities contract calls for the construction, production, or rehabilitation of equipment or other items

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that are involved in the regular course of the contractor's business by the use of the contractor's direct labor and manufacturing processes, the indirect costs normally allocated to all that work may be allocated to the facilities contract.

31.106-3 Contractor's commercial items.

If facilities constituting the contractor's usual commercial items (or only minor modifications thereof) are acquired by the Government under the contract, the Government shall not pay any amount in excess of the contractor's most favored customer price or the price of other suppliers for like quantities of the same or substantially the same items, whichever is lower.

31.107 Contracts with State, local, and federally recognized Indian tribal governments.

(a) Subpart 31.6 provides principles and standards for determining costs applicable to contracts with State, local, and federally recognized Indian tribal governments. They provide the basis for a uniform approach to the problem of determining costs and to promote efficiency and better relationships between State, local, and federally recognized Indian tribal governments, and Federal Government entities. They apply to all programs that involve contracts with State, local, and federally recognized Indian tribal governments, except contracts with—

(1) Publicly financed educational institutions subject to Subpart 31.3; or

(2) Publicly owned hospitals and other providers of medical care subject to requirements promulgated by the sponsoring Government agencies.

(b) The Office of Management and Budget will approve any other exceptions in particular cases when adequate justification is presented.

31.108 Contracts with nonprofit organizations.

Subpart 31.7 provides principles and standards for determining costs applicable to contracts with nonprofit organizations other than educational institutions, State and local governments, and those nonprofit organizations exempted under OMB Circular No. A-122.

31.109 Advance agreements.

(a) The extent of allowability of the costs covered in this part applies broadly to many accounting systems in varying contract situations. Thus, the reasonableness, the allocability and the allowability under the specific cost principles at Subparts 31.2, 31.3, 31.6, and 31.7 of certain costs may be difficult to determine. To avoid possible subsequent disallowance or dispute based on unreasonableness, unallocability or unallowability under the specific cost principles at Subparts 31.2, 31.3, 31.6, and 31.7, contracting officers and contractors should seek advance agreement on the treatment

of special or unusual costs. However, an advance agreement is not an absolute requirement and the absence of an advance agreement on any cost will not, in itself, affect the reasonableness, allocability or the allowability under the specific cost principles at Subparts 31.2, 31.3, 31.6, and 31.7 of that cost.

(b) Advance agreements may be negotiated either before or during a contract but should be negotiated before incurrence of the costs involved. The agreements must be in writing, executed by both contracting parties, and incorporated into applicable current and future contracts. An advance agreement shall contain a statement of its applicability and duration.

(c) The contracting officer is not authorized by this 31.109 to agree to a treatment of costs inconsistent with this part. For example, an advance agreement may not provide that, notwithstanding 31.205-20, interest is allowable.

(d) Advance agreements may be negotiated with a particular contractor for a single contract, a group of contracts, or all the contracts of a contracting office, an agency, or several agencies.

(e) The cognizant administrative contracting officer (ACO), or other contracting officer established in Part 42, shall negotiate advance agreements except that an advance agreement affecting only one contract, or class of contracts from a single contracting office, shall be negotiated by a contracting officer in the contracting office, or an ACO when delegated by the contracting officer. When the negotiation authority is delegated, the ACO shall coordinate the proposed agreement with the contracting officer before executing the advance agreement.

(f) Before negotiating an advance agreement, the Government negotiator shall—

(1) Determine if other contracting offices inside the agency or in other agencies have a significant unliquidated dollar balance in contracts with the same contractor;

(2) Inform any such office or agency of the matters under consideration for negotiation; and

(3) As appropriate, invite the office or agency and the responsible audit agency to participate in prenegotiation discussions and/or in the subsequent negotiations.

(g) Upon completion of the negotiation, the sponsor shall prepare and distribute to other interested agencies and offices, including the audit agency, copies of the executed agreement and a memorandum providing the information specified in 15.406-3, as applicable.

(h) Examples of costs for which advance agreements may be particularly important are—

(1) Compensation for personal services, including but not limited to allowances for off-site pay, incentive pay, location allowances, hardship pay, cost of living differential, and termination of defined benefit pension plans;

- (2) Use charges for fully depreciated assets;
- (3) Deferred maintenance costs;
- (4) Precontract costs;
- (5) Independent research and development and bid and proposal costs;
- (6) Royalties and other costs for use of patents;
- (7) Selling and distribution costs;
- (8) Travel and relocation costs, as related to special or mass personnel movements, as related to travel via contractor-owned, -leased, or -chartered aircraft; or as related to maximum per diem rates;
- (9) Costs of idle facilities and idle capacity;
- (10) Severance pay to employees on support service contracts;
- (11) Plant reconversion;
- (12) Professional services (e.g., legal, accounting, and engineering);
- (13) General and administrative costs (e.g., corporate, division, or branch allocations) attributable to the general management, supervision, and conduct of the contractor's business as a whole. These costs are particularly significant in construction, job-site, architect-engineer, facilities, and Government-owned contractor operated (GOCO) plant contracts (see 31.203(f));
- (14) Costs of construction plant and equipment (see 31.105(d));
- (15) Costs of public relations and advertising; and
- (16) Training and education costs (see 31.205-44(h)).

31.110 Indirect cost rate certification and penalties on unallowable costs.

(a) Certain contracts require certification of the indirect cost rates proposed for final payment purposes. See 42.703-2 for administrative procedures regarding the certification provisions and the related contract clause prescription.

(b) If unallowable costs are included in final indirect cost settlement proposals, penalties may be assessed. See 42.709 for administrative procedures regarding the penalty assessment provisions and the related contract clause prescription.

Subpart 31.2—Contracts with Commercial Organizations

31.201 General.

31.201-1 Composition of total cost.

(a) The total cost of a contract is the sum of the direct and indirect costs allocable to the contract, incurred or to be incurred, less any allocable credits, plus any allocable cost of money pursuant to 31.205-10. In ascertaining what constitutes a cost, any generally accepted method of determining or estimating costs that is equitable and is con-

sistently applied may be used, including standard costs properly adjusted for applicable variances. See 31.201-2(b) and (c) for Cost Accounting Standards (CAS) requirements.

(b) While the total cost of a contract includes all costs properly allocable to the contract, the allowable costs to the Government are limited to those allocable costs which are allowable pursuant to Part 31 and applicable agency supplements.

31.201-2 Determining allowability.

(a) The factors to be considered in determining whether a cost is allowable include the following:

- (1) Reasonableness.
- (2) Allocability.
- (3) Standards promulgated by the CAS Board, if applicable; otherwise, generally accepted accounting principles and practices appropriate to the particular circumstances.
- (4) Terms of the contract.
- (5) Any limitations set forth in this subpart.

(b) Certain cost principles in this subpart incorporate the measurement, assignment, and allocability rules of selected CAS and limit the allowability of costs to the amounts determined using the criteria in those selected standards. Only those CAS or portions of standards specifically made applicable by the cost principles in this subpart are mandatory unless the contract is CAS-covered (see Part 30). Business units that are not otherwise subject to these standards under a CAS clause are subject to the selected standards only for the purpose of determining allowability of costs on Government contracts. Including the selected standards in the cost principles does not subject the business unit to any other CAS rules and regulations. The applicability of the CAS rules and regulations is determined by the CAS clause, if any, in the contract and the requirements of the standards themselves.

(c) When contractor accounting practices are inconsistent with this Subpart 31.2, costs resulting from such inconsistent practices shall not be allowed in excess of the amount that would have resulted from using practices consistent with this subpart.

(d) A contractor is responsible for accounting for costs appropriately and for maintaining records, including supporting documentation, adequate to demonstrate that costs claimed have been incurred, are allocable to the contract, and comply with applicable cost principles in this subpart and agency supplements. The contracting officer may disallow all or part of a claimed cost which is inadequately supported.

31.201-3 Determining reasonableness.

(a) A cost is reasonable if, in its nature and amount, it does not exceed that which would be incurred by a prudent

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person in the conduct of competitive business. Reasonableness of specific costs must be examined with particular care in connection with firms or their separate divisions that may not be subject to effective competitive restraints. No presumption of reasonableness shall be attached to the incurrence of costs by a contractor. If an initial review of the facts results in a challenge of a specific cost by the contracting officer or the contracting officer's representative, the burden of proof shall be upon the contractor to establish that such cost is reasonable.

(b) What is reasonable depends upon a variety of considerations and circumstances, including—

(1) Whether it is the type of cost generally recognized as ordinary and necessary for the conduct of the contractor's business or the contract performance;

(2) Generally accepted sound business practices, arm's-length bargaining, and Federal and State laws and regulations;

(3) The contractor's responsibilities to the Government, other customers, the owners of the business, employees, and the public at large; and

(4) Any significant deviations from the contractor's established practices.

31.201-4 Determining allocability.

A cost is allocable if it is assignable or chargeable to one or more cost objectives on the basis of relative benefits received or other equitable relationship. Subject to the foregoing, a cost is allocable to a Government contract if it—

(a) Is incurred specifically for the contract;

(b) Benefits both the contract and other work, and can be distributed to them in reasonable proportion to the benefits received; or

(c) Is necessary to the overall operation of the business, although a direct relationship to any particular cost objective cannot be shown.

31.201-5 Credits.

The applicable portion of any income, rebate, allowance, or other credit relating to any allowable cost and received by or accruing to the contractor shall be credited to the Government either as a cost reduction or by cash refund. See 31.205-6(j)(4) for rules governing refund or credit to the Government associated with pension adjustments and asset reversions.

31.201-6 Accounting for unallowable costs.

(a) Costs that are expressly unallowable or mutually agreed to be unallowable, including mutually agreed to be unallowable directly associated costs, shall be identified and excluded from any billing, claim, or proposal applicable to a Government contract. A directly associated cost is any cost which is generated solely as a result of incurring

another cost, and which would not have been incurred had the other cost not been incurred. When an unallowable cost is incurred, its directly associated costs are also unallowable.

(b) Costs which specifically become designated as unallowable or as unallowable directly associated costs of unallowable costs as a result of a written decision furnished by a contracting officer shall be identified if included in or used in computing any billing, claim, or proposal applicable to a Government contract. This identification requirement applies also to any costs incurred for the same purpose under like circumstances as the costs specifically identified as unallowable under either this paragraph or paragraph (a) of this subsection.

(c) The practices for accounting for and presentation of unallowable costs will be those as described in 48 CFR 9904.405, Accounting for Unallowable Costs.

(d) If a directly associated cost is included in a cost pool which is allocated over a base that includes the unallowable cost with which it is associated, the directly associated cost shall remain in the cost pool. Since the unallowable costs will attract their allocable share of costs from the cost pool, no further action is required to assure disallowance of the directly associated costs. In all other cases, the directly associated costs, if material in amount, must be purged from the cost pool as unallowable costs.

(e)(1) In determining the materiality of a directly associated cost, consideration should be given to the significance of—

(i) The actual dollar amount,

(ii) The cumulative effect of all directly associated costs in a cost pool, or

(iii) The ultimate effect on the cost of Government contracts.

(2) Salary expenses of employees who participate in activities that generate unallowable costs shall be treated as directly associated costs to the extent of the time spent on the proscribed activity, provided the costs are material in accordance with subparagraph (e)(1) of this subsection (except when such salary expenses are, themselves, unallowable). The time spent in proscribed activities should be compared to total time spent on company activities to determine if the costs are material. Time spent by employees outside the normal working hours should not be considered except when it is evident that an employee engages so frequently in company activities during periods outside normal working hours as to indicate that such activities are a part of the employee's regular duties.

(3) When a selected item of cost under 31.205 provides that directly associated costs be unallowable, it is intended that such directly associated costs be unallowable only if determined to be material in amount in accordance with the criteria provided in subparagraphs (e)(1) and (e)(2)

of this section, except in those situations where allowance of any of the directly associated costs involved would be considered to be contrary to public policy.

31.201-7 Construction and architect-engineer contracts.

Specific principles and procedures for evaluating and determining costs in connection with contracts and subcontracts for construction, and architect-engineer contracts related to construction projects, are in 31.105. The applicability of these principles and procedures is set forth in 31.000 and 31.100.

31.202 Direct costs.

(a) A direct cost is any cost that can be identified specifically with a particular final cost objective. No final cost objective shall have allocated to it as a direct cost any cost, if other costs incurred for the same purpose in like circumstances have been included in any indirect cost pool to be allocated to that or any other final cost objective. Costs identified specifically with the contract are direct costs of the contract and are to be charged directly to the contract. All costs specifically identified with other final cost objectives of the contractor are direct costs of those cost objectives and are not to be charged to the contract directly or indirectly.

(b) For reasons of practicality, any direct cost of minor dollar amount may be treated as an indirect cost if the accounting treatment—

(1) Is consistently applied to all final cost objectives; and

(2) Produces substantially the same results as treating the cost as a direct cost.

31.203 Indirect costs.

(a) An indirect cost is any cost not directly identified with a single, final cost objective, but identified with two or more final cost objectives or an intermediate cost objective. It is not subject to treatment as a direct cost. After direct costs have been determined and charged directly to the contract or other work, indirect costs are those remaining to be allocated to the several cost objectives. An indirect cost shall not be allocated to a final cost objective if other costs incurred for the same purpose in like circumstances have been included as a direct cost of that or any other final cost objective.

(b) Indirect costs shall be accumulated by logical cost groupings with due consideration of the reasons for incurring such costs. Each grouping should be determined so as to permit distribution of the grouping on the basis of the benefits accruing to the several cost objectives. Commonly, manufacturing overhead, selling expenses, and general and administrative (G&A) expenses are separately grouped. Similarly, the particular case may require subdivision of

these groupings, e.g., building occupancy costs might be separable from those of personnel administration within the manufacturing overhead group. This necessitates selecting a distribution base common to all cost objectives to which the grouping is to be allocated. The base should be selected so as to permit allocation of the grouping on the basis of the benefits accruing to the several cost objectives. When substantially the same results can be achieved through less precise methods, the number and composition of cost groupings should be governed by practical considerations and should not unduly complicate the allocation.

(c) Once an appropriate base for distributing indirect costs has been accepted, it shall not be fragmented by removing individual elements. All items properly includable in an indirect cost base should bear a pro rata share of indirect costs irrespective of their acceptance as Government contract costs. For example, when a cost input base is used for the distribution of G&A costs, all items that would properly be part of the cost input base, whether allowable or unallowable, shall be included in the base and bear their pro rata share of G&A costs.

(d) The contractor's method of allocating indirect costs shall be in accordance with standards promulgated by the CAS Board, if applicable to the contract; otherwise, the method shall be in accordance with generally accepted accounting principles which are consistently applied. The method may require examination when—

(1) Substantial differences occur between the cost patterns of work under the contract and the contractor's other work;

(2) Significant changes occur in the nature of the business, the extent of subcontracting, fixed-asset improvement programs, inventories, the volume of sales and production, manufacturing processes, the contractor's products, or other relevant circumstances; or

(3) Indirect cost groupings developed for a contractor's primary location are applied to offsite locations. Separate cost groupings for costs allocable to offsite locations may be necessary to permit equitable distribution of costs on the basis of the benefits accruing to the several cost objectives.

(e) A base period for allocating indirect costs is the cost accounting period during which such costs are incurred and accumulated for distribution to work performed in that period. The criteria and guidance in 30.406 for selecting the cost accounting periods to be used in allocating indirect costs are incorporated herein for application to contracts subject to full CAS coverage. For contracts subject to modified CAS coverage and for non-CAS-covered contracts, the base period for allocating indirect costs will normally be the contractor's fiscal year. But a shorter period may be appropriate (1) for contracts in which performance involves only a minor portion of the fiscal year, or (2) when it is general

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practice in the industry to use a shorter period. When a contract is performed over an extended period, as many base periods shall be used as are required to represent the period of contract performance.

(f) Special care should be exercised in applying the principles of paragraphs (b), (c), and (d) above when Government-owned contractor-operated (GOCO) plants are involved. The distribution of corporate, division, or branch office G&A expenses to such plants operating with little or no dependence on corporate administrative activities may require more precise cost groupings, detailed accounts screening, and carefully developed distribution bases.

31.204 Application of principles and procedures.

(a) Costs shall be allowed to the extent they are reasonable, allocable, and determined to be allowable under 31.201, 31.202, 31.203, and 31.205. These criteria apply to all of the selected items that follow, even if particular guidance is provided for certain items for emphasis or clarity.

(b) Costs incurred as reimbursements or payments to a subcontractor under a cost-reimbursement, fixed-price incentive, or price redeterminable type subcontract of any tier above the first firm-fixed-price subcontract or fixed-price subcontract with economic price adjustment provisions are allowable to the extent that allowance is consistent with the appropriate subpart of this Part 31 applicable to the subcontract involved. Costs incurred as payments under firm-fixed-price subcontracts or fixed-price subcontracts with economic price adjustment provisions or modifications thereto, when cost analysis was performed under 15.404-1(c), shall be allowable only to the extent that the price was negotiated in accordance with 31.102.

(c) Section 31.205 does not cover every element of cost. Failure to include any item of cost does not imply that it is either allowable or unallowable. The determination of allowability shall be based on the principles and standards in this subpart and the treatment of similar or related selected items. When more than one subsection in 31.205 is relevant to a contractor cost, the cost shall be apportioned among the applicable subsections, and the determination of allowability of each portion shall be based on the guidance contained in the applicable subsection. When a cost, to which more than one subsection in 31.205 is relevant, cannot be apportioned, the determination of allowability shall be based on the guidance contained in the subsection that most specifically deals with, or best captures the essential nature of, the cost at issue.

31.205 Selected costs.

31.205-1 Public relations and advertising costs.

(a) "Public relations" means all functions and activities dedicated to—

(1) Maintaining, protecting, and enhancing the image of a concern or its products; or

(2) Maintaining or promoting reciprocal understanding and favorable relations with the public at large, or any segment of the public. The term public relations includes activities associated with areas such as advertising, customer relations, etc.

(b) "Advertising" means the use of media to promote the sale of products or services and to accomplish the activities referred to in paragraph (d) of this subsection, regardless of the medium employed, when the advertiser has control over the form and content of what will appear, the media in which it will appear, and when it will appear. Advertising media include but are not limited to conventions, exhibits, free goods, samples, magazines, newspapers, trade papers, direct mail, dealer cards, window displays, outdoor advertising, radio, and television.

(c) Public relations and advertising costs include the costs of media time and space, purchased services performed by outside organizations, as well as the applicable portion of salaries, travel, and fringe benefits of employees engaged in the functions and activities identified in paragraphs (a) and (b) of this subsection.

(d) The only allowable advertising costs are those that are—

(1) Specifically required by contract, or that arise from requirements of Government contracts, and that are exclusively for—

(i) Acquiring scarce items for contract performance; or

(ii) Disposing of scrap or surplus materials acquired for contract performance;

(2) Costs of activities to promote sales of products normally sold to the U.S. Government, including trade shows, which contain a significant effort to promote exports from the United States. Such costs are allowable, notwithstanding paragraphs (f)(1), (f)(3), (f)(4)(ii), and (f)(5) of this subsection. However, such costs do not include the costs of memorabilia (e.g., models, gifts, and souvenirs), alcoholic beverages, entertainment, and physical facilities that are used primarily for entertainment rather than product promotion; or

(3) Allowable in accordance with 31.205-34.

(e) Allowable public relations costs include the following:

(1) Costs specifically required by contract.

(2) Costs of—

(i) Responding to inquiries on company policies and activities;

(ii) Communicating with the public, press, stockholders, creditors, and customers; and

(iii) Conducting general liaison with news media and Government public relations officers, to the extent that such activities are limited to communication and liaison necessary to keep the public informed on matters of public concern such as notice of contract awards, plant closings or openings, employee layoffs or rehires, financial information, etc.

(3) Costs of participation in community service activities (e.g., blood bank drives, charity drives, savings bond drives, disaster assistance, etc.).

(4) Costs of plant tours and open houses (but see subparagraph (f)(5) of this subsection).

(5) Costs of keel laying, ship launching, commissioning, and roll-out ceremonies, to the extent specifically provided for by contract.

(f) Unallowable public relations and advertising costs include the following:

(1) All public relations and advertising costs, other than those specified in paragraphs (d) and (e) of this subsection, whose primary purpose is to promote the sale of products or services by stimulating interest in a product or product line (except for those costs made allowable under 31.205-38(c)), or by disseminating messages calling favorable attention to the contractor for purposes of enhancing the company image to sell the company's products or services.

(2) All costs of trade shows and other special events which do not contain a significant effort to promote the export sales of products normally sold to the U.S. Government.

(3) Costs of sponsoring meetings, conventions, symposia, seminars, and other special events when the principal purpose of the event is other than dissemination of technical information or stimulation of production.

(4) Costs of ceremonies such as—

- (i) Corporate celebrations and
- (ii) New product announcements.

(5) Costs of promotional material, motion pictures, videotapes, brochures, handouts, magazines, and other media that are designed to call favorable attention to the contractor and its activities.

(6) Costs of souvenirs, models, imprinted clothing, buttons, and other mementos provided to customers or the public.

(7) Costs of memberships in civic and community organizations.

31.205-2 [Reserved]

31.205-3 Bad debts.

Bad debts, including actual or estimated losses arising from uncollectible accounts receivable due from customers and other claims, and any directly associated costs such as collection costs, and legal costs are unallowable.

31.205-4 Bonding costs.

(a) Bonding costs arise when the Government requires assurance against financial loss to itself or others by reason of the act or default of the contractor. They arise also in instances where the contractor requires similar assurance. Included are such bonds as bid, performance, payment, advance payment, infringement, and fidelity bonds.

(b) Costs of bonding required pursuant to the terms of the contract are allowable.

(c) Costs of bonding required by the contractor in the general conduct of its business are allowable to the extent that such bonding is in accordance with sound business practice and the rates and premiums are reasonable under the circumstances.

31.205-5 [Reserved]

31.205-6 Compensation for personal services.

(a) *General.* Compensation for personal services includes all remuneration paid currently or accrued, in whatever form and whether paid immediately or deferred, for services rendered by employees to the contractor during the period of contract performance (except as otherwise provided for in other paragraphs of this subsection). It includes, but is not limited to, salaries; wages; directors' and executive committee members' fees; bonuses (including stock bonuses); incentive awards; employee stock options, and stock appreciation rights; employee stock ownership plans; employee insurance; fringe benefits; contributions to pension, other postretirement benefits, annuity, and employee incentive compensation plans; and allowances for off-site pay, incentive pay, location allowances, hardship pay, severance pay, and cost of living differential. Compensation for personal services is allowable subject to the following general criteria and additional requirements contained in other parts of this cost principle:

(1) Compensation for personal services must be for work performed by the employee in the current year and must not represent a retroactive adjustment of prior years' salaries or wages (but see 31.205-6(g), (h), (j), (k), (m), and (o) of this subsection).

(2) The compensation in total must be reasonable for the work performed; however, specific restrictions on individual compensation elements must be observed where they are prescribed.

(3) The compensation must be based upon and conform to the terms and conditions of the contractor's established compensation plan or practice followed so consistently as to imply, in effect, an agreement to make the payment.

(4) No presumption of allowability will exist where the contractor introduces major revisions of existing compensation plans or new plans and the contractor—

(i) Has not notified the cognizant ACO of the changes either before their implementation or within a reasonable period after their implementation, and

(ii) Has not provided the Government, either before implementation or within a reasonable period after it, an opportunity to review the allowability of the changes.

(5) Costs that are unallowable under other paragraphs of this Subpart 31.2 shall not be allowable under this subsection 31.205-6 solely on the basis that they constitute compensation for personal services.

(b) *Reasonableness.* The compensation for personal services paid or accrued to each employee must be reasonable for the work performed. Compensation will be considered reasonable if each of the allowable elements making up the employee's compensation package is reasonable. This paragraph addresses the reasonableness of compensation, except when the compensation is set by provisions of a labor-management agreement under terms of the Federal Labor Relations Act or similar state statutes. The tests for reasonableness of labor-management agreements are set forth in paragraph (c) of this subsection. In addition to the provisions of 31.201-3, in testing the reasonableness of individual elements for particular employees or job classes of employees, consideration should be given to factors determined to be relevant by the contracting officer.

(1) Among others, factors which may be relevant include general conformity with the compensation practices of other firms of the same size, the compensation practices of other firms in the same industry, the compensation practices of firms in the same geographic area, the compensation practices of firms engaged in predominantly non-Government work, and the cost of comparable services obtainable from outside sources. The appropriate factors for evaluating the reasonableness of compensation depend on the degree to which those factors are representative of the labor market for the job being evaluated. The relative significance of factors will vary according to circumstances. In administering this principle, it is recognized that not every compensation case need be subjected in detail to the tests described in this cost principle. The tests

need be applied only when a general review reveals amounts or types of compensation that appear unreasonable or unjustified. Based on an initial review of the facts, contracting officers or their representatives may challenge the reasonableness of any individual element or the sum of the individual elements of compensation paid or accrued to particular employees or job classes of employees. In such cases, there is no presumption of reasonableness and, upon challenge, the contractor must demonstrate the reasonableness of the compensation item in question. In doing so, the contractor may introduce, and the contracting officer will consider, not only any circumstances surrounding the compensation item challenged, but also the magnitude of other compensation elements which may be lower than would be considered reasonable in themselves. However, the contractor's right to introduce offsetting compensation elements into consideration is subject to the following limitations:

(i) Offsets will be considered only between the allowable elements of an employee's (or a job class of employees') compensation package or between the compensation packages of employees in jobs within the same job grade or level.

(ii) Offsets will be considered only between the allowable portion of the following compensation elements of employees or job classes of employees:

- (A) Wages and salaries.
- (B) Incentive bonuses.
- (C) Deferred compensation.
- (D) Pension and savings plan benefits.
- (E) Health insurance benefits.
- (F) Life insurance benefits.
- (G) Compensated personal absence benefits.

However, any of the above elements or portions thereof, whose amount is not measurable, shall not be introduced or considered as an offset item.

(iii) In considering offsets, the magnitude of the compensation elements in question must be taken into account. In determining the magnitude of compensation elements, the timing of receipt by the employee must be considered.

(2) Compensation costs under certain conditions give rise to the need for special consideration. Among such conditions are the following:

(i) Compensation to (A) owners of closely held corporations, partners, sole proprietors, or members of their immediate families, or (B) persons who are contractually committed to acquire a substantial financial interest in the contractor's enterprise. Determination should be made that

salaries are reasonable for the personal services rendered rather than being a distribution of profits. Compensation in lieu of salary for services rendered by partners and sole proprietors will be allowed to the extent that it is reasonable and does not constitute a distribution of profits. For closely held corporations, compensation costs covered by this subdivision shall not be recognized in amounts exceeding those costs that are deductible as compensation under the Internal Revenue Code and regulations under it.

(ii) Any change in a contractor's compensation policy that results in a substantial increase in the contractor's level of compensation, particularly when it was concurrent with an increase in the ratio of Government contracts to other business, or any change in the treatment of allowability of specific types of compensation due to changes in Government policy. Contracting officers or their representatives should normally challenge increased costs where major revisions of existing compensation plans or new plans are introduced by the contractor, and the contractor—

(A) Has not notified the cognizant ACO of the changes either before their implementation or within a reasonable period after their implementation; and

(B) Has not provided the Government, either before implementation or within a reasonable period after it, an opportunity to review the reasonableness of the changes.

(iii) The contractor's business is such that its compensation levels are not subject to the restraints that normally occur in the conduct of competitive business.

(iv) The contractor incurs costs for compensation in excess of the amounts which are deductible under the Internal Revenue Code and regulations issued under it.

(c) *Labor-management agreements.* If costs of compensation established under "arm's length" negotiated labor-management agreements are otherwise allowable, the costs are reasonable if, as applied to work in performing Government contracts, they are not determined to be unwarranted by the character and circumstances of the work or discriminatory against the Government. The application of the provisions of a labor-management agreement designed to apply to a given set of circumstances and conditions of employment (e.g., work involving extremely hazardous activities or work not requiring recurrent use of overtime) is unwarranted when applied to a Government contract involving significantly different circumstances and conditions of employment (e.g., work involving less hazardous activities or work continually requiring use of overtime). It is discriminatory against the Government if it results in employee compensation (in whatever form or name) in excess of that being paid for similar non-Government work under comparable circumstances. Disallowance of costs will not be made under this paragraph (c) unless—

(1) The contractor has been permitted an opportunity to justify the costs; and

(2) Due consideration has been given to whether unusual conditions pertain to Government contract work, imposing burdens, hardships, or hazards on the contractor's employees, for which compensation that might otherwise appear unreasonable is required to attract and hold necessary personnel.

(d) *Form of payment.* (1) Compensation for personal services includes compensation paid or to be paid in the future to employees in the form of cash, corporate securities, such as stocks, bonds, and other financial instruments (see paragraph (d)(2) of this subsection regarding valuation), or other assets, products, or services.

(2) When compensation is paid with securities of the contractor or of an affiliate, the following additional restrictions apply:

(i) Valuation placed on the securities shall be the fair market value on the measurement date (i.e., the first date the number of shares awarded is known) determined upon the most objective basis available.

(ii) Accruals for the cost of securities before issuing the securities to the employees shall be subject to adjustment according to the possibilities that the employees will not receive the securities and that their interest in the accruals will be forfeited.

(e) *Domestic and foreign differential pay.* (1) When personal services are performed in a foreign country, compensation may also include a differential that may properly consider all expenses associated with foreign employment such as housing, cost of living adjustments, transportation, bonuses, additional Federal, State, local or foreign income taxes resulting from foreign assignment, and other related expenses.

(2) Differential allowances for additional Federal, State, or local income taxes resulting from domestic assignments are unallowable.

(f) *Bonuses and incentive compensation.* (1) Incentive compensation for management employees, cash bonuses, suggestion awards, safety awards, and incentive compensation based on production, cost reduction, or efficient performance are allowable provided the awards are paid or accrued under an agreement entered into in good faith between the contractor and the employees before the services are rendered or pursuant to an established plan or policy followed by the contractor so consistently as to imply, in effect, an agreement to make such payment and the basis for the award is supported.

(2) When the bonus and incentive compensation payments are deferred, the costs are subject to the requirements of subparagraph (f)(1) of this subsection and of paragraph (k) of this subsection.

(g) *Severance pay.* (1) Severance pay, also commonly referred to as dismissal wages, is a payment in addition to regular salaries and wages by contractors to workers whose employment is being involuntarily terminated. Payments for early retirement incentive plans are covered in paragraph (j)(7).

(2) Severance pay to be allowable must meet the general allowability criteria in subdivision (g)(2)(i) of this subsection, and, depending upon whether the severance is normal or abnormal, criteria in subdivision (g)(2)(ii) for normal severance pay or subdivision (g)(2)(iii) for abnormal severance pay also apply. In addition, paragraph (g)(3) of this subsection applies if the severance cost is for foreign nationals employed outside the United States.

(i) Severance pay is allowable only to the extent that, in each case, it is required by (A) law; (B) employer-employee agreement; (C) established policy that constitutes, in effect, an implied agreement on the contractor's part; or (D) circumstances of the particular employment. Payments made in the event of employment with a replacement contractor where continuity of employment with credit for prior length of service is preserved under substantially equal conditions of employment, or continued employment by the contractor at another facility, subsidiary, affiliate, or parent company of the contractor are not severance pay and are unallowable.

(ii) Actual normal turnover severance payments shall be allocated to all work performed in the contractor's plant, or where the contractor provides for accrual of pay for normal severances, that method will be acceptable if the amount of the accrual is reasonable in light of payments actually made for normal severances over a representative past period and if amounts accrued are allocated to all work performed in the contractor's plant.

(iii) Abnormal or mass severance pay is of such a conjectural nature that measurement of costs by means of an accrual will not achieve equity to both parties. Thus, accruals for this purpose are not allowable. However, the Government recognizes its obligation to participate, to the extent of its fair share, in any specific payment. Thus, allowability will be considered on a case-by-case basis.

(3) Notwithstanding the reference to geographical area in 31.205-6(b)(1), under 10 U.S.C. 2324(e)(1)(M) and 41 U.S.C. 256(e)(1)(M), the costs of severance payments to foreign nationals employed under a service contract performed outside the United States are unallowable to the extent that such payments exceed amounts typically paid to employees providing similar services in the same industry in the United States. Further, under 10 U.S.C. 2324(e)(1)(N) and 41 U.S.C. 256(e)(1)(N), all such costs of severance payments which are otherwise allowable are unallowable if the termination of employment of the foreign national is the result of the closing of, or the curtailment of

activities at, a United States facility in that country at the request of the government of that country; this does not apply if the closing of a facility or curtailment of activities is made pursuant to a status-of-forces or other country-to-country agreement entered into with the government of that country before November 29, 1989. 10 U.S.C. 2324(e)(3) and 41 U.S.C. 256(e)(2) permit the head of the agency, or designee, to waive these cost allowability limitations under certain circumstances (see 37.113 and the solicitation provision at 52.237-8).

(h) *Backpay.* (1) *Backpay resulting from violations of Federal labor laws or the Civil Rights Act of 1964.* Backpay may result from a negotiated settlement, order, or court decree that resolves a violation of Federal labor laws or the Civil Rights Act of 1964. Such backpay falls into two categories: one requiring the contractor to pay employees additional compensation for work performed for which they were underpaid, and the other resulting from other violations, such as when the employee was improperly discharged, discriminated against, or other circumstances for which the backpay was not additional compensation for work performed. Backpay resulting from underpaid work is compensation for the work performed and is allowable. All other backpay resulting from violation of Federal labor laws or the Civil Rights Act of 1964 is unallowable.

(2) *Other backpay.* Backpay may also result from payments to employees (union and nonunion) for the difference in their past and current wage rates for working without a contract or labor agreement during labor management negotiations. Such backpay is allowable. Backpay to nonunion employees based upon results of union agreement negotiations is allowable only if—

(i) A formal agreement or understanding exists between management and the employees concerning these payments, or

(ii) An established policy or practice exists and is followed by the contractor so consistently as to imply, in effect, an agreement to make such payment.

(i) Compensation based on changes in the prices of corporate securities or corporate security ownership, such as stock options, stock appreciation rights, phantom stock plans, and junior stock conversions.

(1) Any compensation which is calculated, or valued, based on changes in the price of corporate securities is unallowable.

(2) Any compensation represented by dividend payments or which is calculated based on dividend payments is unallowable.

(3) If a contractor pays an employee in lieu of the employee receiving or exercising a right, option, or benefit which would have been unallowable under this paragraph (i), such payments are also unallowable.

PART 31—CONTRACT COST PRINCIPLES AND PROCEDURES

(j) *Pension costs.* (1) A pension plan, as defined in 31.001, is a deferred compensation plan. Additional benefits such as permanent and total disability and death payments and survivorship payments to beneficiaries of deceased employees may be treated as pension costs, provided the benefits are an integral part of the pension plan and meet all the criteria pertaining to pension costs.

(2) Pension plans are normally segregated into two types of plans: defined-benefit or defined-contribution pension plans. The cost of all defined-benefit pension plans shall be measured, allocated, and accounted for in compliance with the provisions of 48 CFR 9904.412, Cost accounting standard for composition and measurement of pension cost, and 48 CFR 9904.413, Adjustment and allocation of pension cost. The costs of all defined-contribution pension plans shall be measured, allocated, and accounted for in accordance with the provisions of 48 CFR 9904.412 and 48 CFR 9904.413. Pension costs are allowable subject to the referenced standards and the cost limitations and exclusions set forth in paragraph (j)(2)(i) and in paragraphs (j)(3) through (8) of this subsection.

(i) Except for nonqualified pension plans using the pay-as-you-go cost method, to be allowable in the current year, pension costs must be funded by the time set for filing of the Federal income tax return or any extension thereof. Pension costs assigned to the current year, but not funded by the tax return time, shall not be allowable in any subsequent year. For nonqualified pension plans using the pay-as-you-go cost method, to be allowable in the current year, pension costs must be allocable in accordance with 48 CFR 9904.412-50(d)(3).

(ii) Pension payments must be reasonable in amount and must be paid pursuant to an agreement entered into in good faith between the contractor and employees before the work or services are performed; and the terms and conditions of the established plan. The cost of changes in pension plans that are discriminatory to the Government or are not intended to be applied consistently for all employees under similar circumstances in the future are not allowable.

(iii) Except as provided for early retirement benefits in paragraph (j)(7) of this subsection, one-time-only pension supplements not available to all participants of the basic plan are not allowable as pension costs unless the supplemental benefits represent a separate pension plan and the benefits are payable for life at the option of the employee.

(iv) Increases in payments to previously retired plan participants covering cost-of-living adjustments are allowable if paid in accordance with a policy or practice consistently followed.

(3) *Defined-benefit pension plans.* This paragraph covers pension plans in which the benefits to be paid or the basis for determining such benefits are established in

advance and the contributions are intended to provide the stated benefits. The cost limitations and exclusions pertaining to defined-benefit plans are as follows:

(i)(A) Except for nonqualified pension plans, pension costs (see 48 CFR 9904.412-40(a)(1)) assigned to the current accounting period, but not funded during it, shall not be allowable in subsequent years (except that a payment made to a fund by the time set for filing the Federal income tax return or any extension thereof is considered to have been made during such taxable year). However, any portion of pension cost computed for a cost accounting period, that exceeds the amount required to be funded pursuant to a waiver granted under the provisions of the Employee's Retirement Income Security Act of 1974 (ERISA), will be allowable in those future accounting periods in which the funding of such excess amounts occurs (see 48 CFR 9904.412-50(c)(5)).

(B) For nonqualified pension plans, except those using the pay-as-you-go cost method, allowable costs are limited to the amount allocable in accordance with 48 CFR 9904.412-50(d)(2).

(C) For nonqualified pension plans using the pay-as-you-go cost method, allowable costs are limited to the amounts allocable in accordance with 48 CFR 9904.412-50(d)(3).

(ii) Any amount funded in excess of the pension cost assigned to a cost accounting period is not allowable and shall be accounted for as set forth at 48 CFR 9904.412-50(a)(4), and shall be allowable in the future period to which it is assigned, to the extent it is allocable, reasonable, and not otherwise unallowable.

(iii) Increased pension costs caused by delay in funding beyond 30 days after each quarter of the year to which they are assignable are unallowable. If a composite rate is used for allocating pension costs between the segments of a company and if, because of differences in the timing of the funding by the segments, an inequity exists, allowable pension costs for each segment will be limited to that particular segment's calculation of pension costs as provided for in 48 CFR 9904.413-50(c). Determinations of unallowable costs shall be made in accordance with the actuarial cost method used in calculating pension costs.

(iv) Allowability of the cost of indemnifying the Pension Benefit Guaranty Corporation (PBGC) under ERISA Section 4062 or 4064 arising from terminating an employee deferred compensation plan will be considered on a case-by-case basis, provided that if insurance was required by the PBGC under ERISA Section 4023, it was so obtained and the indemnification payment is not recoverable under the insurance. Consideration under the foregoing circumstances will be primarily for the purpose of appraising the extent to which the indemnification payment is allocable to

Government work. If a beneficial or other equitable relationship exists, the Government will participate, despite the requirements of 31.205-19(a)(3) and (b), in the indemnification payment to the extent of its fair share.

(v) Increased pension costs resulting from the withdrawal of assets from a pension fund and transfer to another employee benefit plan fund, or transfer of assets to another account within the same fund, are unallowable except to the extent authorized by an advance agreement. If the withdrawal of assets from a pension fund is a plan termination under ERISA, the provisions of paragraph (j)(4) of this subsection apply. The advance agreement shall—

(A) State the amount of the Government's equitable share in the gross amount withdrawn or transferred; and

(B) Provide that the Government receive a credit equal to the amount of the Government's equitable share of the gross withdrawal or transfer.

(4) *Pension adjustments and asset reversions.* (i) For segment closings, pension plan terminations, or curtailment of benefits, the adjustment amount shall be the amount measured, assigned, and allocated in accordance with 48 CFR 9904.413-50(c)(12) for contracts and subcontracts that are subject to Cost Accounting Standards (CAS) Board rules and regulations (48 CFR Chapter 99). For contracts and subcontracts that are not subject to CAS, the adjustment amount shall be the amount measured, assigned, and allocated in accordance with 48 CFR 9904.413-50(c)(12), except the numerator of the fraction at 48 CFR 9904.413-50(c)(12)(vi) shall be the sum of the pension plan costs allocated to all non-CAS-covered contracts and subcontracts that are subject to Subpart 31.2 or for which cost or pricing data were submitted.

(ii) For all other situations where assets revert to the contractor, or such assets are constructively received by it for any reason, the contractor shall, at the Government's option, make a refund or give a credit to the Government for its equitable share of the gross amount withdrawn. The Government's equitable share shall reflect the Government's participation in pension costs through those contracts for which cost or pricing data were submitted or that are subject to Subpart 31.2. Excise taxes on pension plan asset reversions or withdrawals under this subparagraph (j)(4)(ii) are unallowable in accordance with 31.205-41(b)(6).

(5) *Defined-contribution pension plans.* This paragraph covers those pension plans in which the contributions are established in advance and the level of benefits is determined by the contributions made. It also covers profit sharing, savings plans, and other such plans, provided the plans fall within the definition of a pension plan in paragraph (j)(1) of this subsection.

(i) Allowable pension cost is limited to the net contribution required to be made for a cost accounting period after taking into account dividends and other credits, where applicable. However, any portion of pension cost computed for a cost accounting period that exceeds the amount required to be funded pursuant to a waiver granted under the provisions of ERISA will be allowable in those future accounting periods in which the funding of such excess amounts occurs (see 48 CFR 9904.412-50(c)(5)).

(ii) The provisions of paragraphs (j)(3)(ii) and (iv) of this subsection apply to defined-contribution plans.

(6) *Pension plans using the pay-as-you-go cost method.* The cost of pension plans using the pay-as-you-go cost method shall be measured, allocated, and accounted for in accordance with 48 CFR 9904.412 and 9904.413. Pension costs for a pension plan using the pay-as-you-go cost method shall be allowable to the extent they are allocable, reasonable, and not otherwise unallowable.

(7) *Early retirement incentive plans.* An early retirement incentive plan is a plan under which employees receive a bonus or incentive, over and above the requirement of the basic pension plan, to retire early. These plans normally are not applicable to all participants of the basic plan and do not represent life income settlements, and as such would not qualify as pension costs. However, for contract costing purposes, early retirement incentive payments are allowable subject to the pension cost criteria contained in subdivisions (j)(3)(i) through (iv) provided—

(i) The costs are accounted for and allocated in accordance with the contractor's system of accounting for pension costs;

(ii) The payments are made in accordance with the terms and conditions of the contractor's plan;

(iii) The plan is applied only to active employees. The cost of extending the plan to employees who retired or were terminated before the adoption of the plan is unallowable; and

(iv) The total of the incentive payments to any employee may not exceed the amount of the employee's annual salary for the previous fiscal year before the employee's retirement.

(8) *Employee stock ownership plans (ESOP).* (i) An ESOP is an individual stock bonus plan designed specifically to invest in the stock of the employer corporation. The contractor's contributions to an Employee Stock Ownership Trust (ESOT) may be in the form of cash, stock, or property. Costs of ESOP's are allowable subject to the following conditions:

(A) Contributions by the contractor in any one year may not exceed 15 percent (25 percent when a money purchase plan is included) of salaries and wages of employees participating in the plan in any particular year.

(B) The contribution rate (ratio of contribution to salaries and wages of participating employees) may not

exceed the last approved contribution rate except when approved by the contracting officer based upon justification provided by the contractor. When no contribution was made in the previous year for an existing ESOP, or when a new ESOP is first established, and the contractor proposes to make a contribution in the current year, the contribution rate shall be subject to the contracting officer's approval.

(C) When a plan or agreement exists wherein the liability for the contribution can be compelled for a specific year, the expense associated with that liability is assignable only to that period. Any portion of the contribution not funded by the time set for filing of the Federal income tax return for that year or any extension thereof shall not be allowable in subsequent years.

(D) When a plan or agreement exists wherein the liability for the contribution cannot be compelled, the amount contributed for any year is assignable to that year provided the amount is funded by the time set for filing of the Federal income tax return for that year.

(E) When the contribution is in the form of stock, the value of the stock contribution shall be limited to the fair market value of the stock on the date that title is effectively transferred to the trust. Cash contributions shall be allowable only when the contractor furnishes evidence satisfactory to the contracting officer demonstrating that stock purchases by the ESOP are or will be at a fair market price; e.g., makes arrangements with the trust permitting the contracting officer to examine purchases of stock by the trust to determine that prices paid are at fair market value. When excessive prices are paid, the amount of the excess will be credited to the same indirect cost pools that were charged for the ESOP contributions in the year in which the stock purchase occurs. However, when the trust purchases the stock with borrowed funds which will be repaid over a period of years by cash contributions from the contractor to the trust, the excess price over fair market value shall be credited to the indirect cost pools pro rata over the period of years during which the contractor contributes the cash used by the trust to repay the loan. When the fair market value of unissued stock or stock of a closely held corporation is not readily determinable, the valuation will be made on a case-by-case basis taking into consideration the guidelines for valuation used by the IRS.

(ii) Amounts contributed to an ESOP arising from either—

(A) An additional investment tax credit (see 1975 Tax Reduction Act—TRASOP's); or

(B) A payroll-based tax credit (see Economic Recovery Tax Act of 1981) are unallowable.

(iii) The requirements of subdivision (j)(3)(ii) of this subsection are applicable to Employee Stock Ownership Plans.

(k) *Deferred compensation other than pensions.* (1) Deferred compensation is an award given by an employer to

compensate an employee in a future cost accounting period or periods for services rendered in one or more cost accounting periods before the date of receipt of compensation by the employee. Deferred compensation does not include the amount of year-end accruals for salaries, wages, or bonuses that are paid within a reasonable period of time after the end of a cost accounting period. Subject to 31.205-6(a), deferred awards are allowable when they are based on current or future services. Awards made in periods subsequent to the period when the work being remunerated was performed are not allowable.

(2) The costs of deferred awards shall be measured, allocated, and accounted for in compliance with the provisions of 48 CFR 9904.415, Accounting for the Cost of Deferred Compensation.

(3) Deferred compensation payments to employees under awards made before the effective date of 48 CFR 9904.415 are allowable to the extent they would have been allowable under prior acquisition regulations.

(l) *Compensation incidental to business acquisitions.* The following costs are unallowable:

(1) Payments to employees under agreements in which they receive special compensation, in excess of the contractor's normal severance pay practice, if their employment terminates following a change in the management control over, or ownership of, the contractor or a substantial portion of its assets.

(2) Payments to employees under plans introduced in connection with a change (whether actual or prospective) in the management control over, or ownership of, the contractor or a substantial portion of its assets in which those employees receive special compensation, which is contingent upon the employee remaining with the contractor for a specified period of time.

(m) *Fringe benefits.* (1) Fringe benefits are allowances and services provided by the contractor to its employees as compensation in addition to regular wages and salaries. Fringe benefits include, but are not limited to, the cost of vacations, sick leave, holidays, military leave, employee insurance, and supplemental unemployment benefit plans. Except as provided otherwise in Subpart 31.2, the costs of fringe benefits are allowable to the extent that they are reasonable and are required by law, employer-employee agreement, or an established policy of the contractor.

(2) That portion of the cost of company-furnished automobiles that relates to personal use by employees (including transportation to and from work) is unallowable regardless of whether the cost is reported as taxable income to the employees (see 31.205-46(f)).

(n) *Employee rebate and purchase discount plans.* Rebates and purchase discounts, in whatever form, granted to employees on products or services produced by the contractor or affiliates are unallowable.

(o) *Postretirement benefits other than pensions (PRB).*

(1) PRB covers all benefits, other than cash benefits and life insurance benefits paid by pension plans, provided to employees, their beneficiaries, and covered dependents during the period following the employees' retirement. Benefits encompassed include, but are not limited to, postretirement health care; life insurance provided outside a pension plan; and other welfare benefits such as tuition assistance, day care, legal services, and housing subsidies provided after retirement.

(2) To be allowable, PRB costs must be reasonable and incurred pursuant to law, employer-employee agreement, or an established policy of the contractor. In addition, to be allowable, PRB costs must also be calculated in accordance with paragraphs (o)(2)(i), (ii), or (iii) of this section.

(i) *Cash basis.* Cost recognized as benefits when they are actually provided, must be paid to an insurer, provider, or other recipient for current year benefits or premiums.

(ii) *Terminal funding.* If a contractor elects a terminal-funded plan, it does not accrue PRB costs during the working lives of employees. Instead, it accrues and pays the entire PRB liability to an insurer or trustee in a lump sum upon the termination of employees (or upon conversion to such a terminal-funded plan) to establish and maintain a fund or reserve for the sole purpose of providing PRB to retirees. The lump sum is allowable if amortized over a period of 15 years.

(iii) *Accrual basis.* Accrual costing other than terminal funding must be measured and assigned according to Generally Accepted Accounting Principles and be paid to an insurer or trustee to establish and maintain a fund or reserve for the sole purpose of providing PRB to retirees. The accrual must also be calculated in accordance with generally accepted actuarial principles and practices as promulgated by the Actuarial Standards Board.

(3) To be allowable, costs must be funded by the time set for filing the Federal income tax return or any extension thereof. PRB costs assigned to the current year, but not funded or otherwise liquidated by the tax return time, shall not be allowable in any subsequent year.

(4) Increased PRB costs caused by delay in funding beyond 30 days after each quarter of the year to which they are assignable are unallowable.

(5) Costs of postretirement benefits in subdivision (o)(2)(iii) of this subsection attributable to past service ("transition obligation") as defined in Financial Accounting Standards Board Statement 106, paragraph 110, are allowable subject to the following limitation: The allowable amount of such costs assignable to a contractor fiscal year cannot exceed the amount of such costs which would be assigned to that contractor fiscal year under the delayed recognition methodology described in paragraphs 112 and 113 of Statement 106.

(6) The Government shall receive an equitable share of any amount of previously funded PRB costs which revert or inure to the contractor. Such equitable share shall reflect the Government's previous participation in PRB costs through those contracts for which cost or pricing data were required or which were subject to Subpart 31.2.

(p) *Limitation on allowability of compensation for certain contractor personnel.* (1) Costs incurred after January 1, 1998, for compensation of a senior executive in excess of the benchmark compensation amount determined applicable for the contractor fiscal year by the Administrator, Office of Federal Procurement Policy (OFPP), under Section 39 of the OFPP Act (41 U.S.C. 435) are unallowable (10 U.S.C. 2324(e)(1)(P) and 41 U.S.C. 256(e)(1)(P)). This limitation is the sole statutory limitation on allowable senior executive compensation costs incurred after January 1, 1998, under new or previously existing contracts. This limitation applies whether or not the affected contracts were previously subject to a statutory limitation on such costs. (Note that pursuant to Section 804 of Pub. L. 105-261, the definition of "senior executive" in (p)(2)(ii) has been changed for compensation costs incurred after January 1, 1999.)

(2) As used in this paragraph:

(i) "Compensation" means the total amount of wages, salary, bonuses, deferred compensation (see paragraph (k) of this subsection), and employer contributions to defined contribution pension plans (see paragraphs (j)(5) and (j)(8) of this subsection), for the fiscal year, whether paid, earned, or otherwise accruing, as recorded in the contractor's cost accounting records for the fiscal year.

(ii) "Senior executive" means—

(A) Prior to January 2, 1999—

(1) The Chief Executive Officer (CEO) or any individual acting in a similar capacity at the contractor's headquarters;

(2) The four most highly compensated employees in management positions at the contractor's headquarters, other than the CEO; and

(3) If the contractor has intermediate home offices or segments that report directly to the contractor's headquarters, the five most highly compensated employees in management positions at each such intermediate home office or segment.

(B) Effective January 2, 1999, the five most highly compensated employees in management positions at each home office and each segment of the contractor, whether or not the home office or segment reports directly to the contractor's headquarters.

(iii) "Fiscal year" means the fiscal year established by the contractor for accounting purposes.

(iv) "Contractor's headquarters" means the highest organizational level from which executive compensation costs are allocated to Government contracts.

31.205-7 Contingencies.

(a) "Contingency," as used in this subpart, means a possible future event or condition arising from presently known or unknown causes, the outcome of which is indeterminable at the present time.

(b) Costs for contingencies are generally unallowable for historical costing purposes because such costing deals with costs incurred and recorded on the contractor's books. However, in some cases, as for example, terminations, a contingency factor may be recognized when it is applicable to a past period to give recognition to minor unsettled factors in the interest of expediting settlement.

(c) In connection with estimates of future costs, contingencies fall into two categories:

(1) Those that may arise from presently known and existing conditions, the effects of which are foreseeable within reasonable limits of accuracy; *e.g.*, anticipated costs of rejects and defective work. Contingencies of this category are to be included in the estimates of future costs so as to provide the best estimate of performance cost.

(2) Those that may arise from presently known or unknown conditions, the effect of which cannot be measured so precisely as to provide equitable results to the contractor and to the Government; *e.g.*, results of pending litigation. Contingencies of this category are to be excluded from cost estimates under the several items of cost, but should be disclosed separately (including the basis upon which the contingency is computed) to facilitate the negotiation of

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appropriate contractual coverage. (See, for example, 31.205-6(g), 31.205-19, and 31.205-24.)

31.205-8 Contributions or donations.

Contributions or donations, including cash, property and services, regardless of recipient, are unallowable, except as provided in 31.205-1(e)(3).

31.205-9 [Reserved]**31.205-10 Cost of money.**

(a) *Facilities capital cost of money*—(1) *General.* (i) Facilities capital cost of money (cost of capital committed to facilities) is an imputed cost determined by applying a cost-of-money rate to facilities capital employed in contract performance. A cost-of-money rate is uniformly imputed to all contractors (see subdivision (a)(1)(ii) of this subsection). Capital employed is determined without regard to whether its source is equity or borrowed capital. The resulting cost of money is not a form of interest on borrowings (see 31.205-20).

(ii) 48 CFR 9904.414, Cost of Money as an Element of the Cost of Facilities Capital, establishes criteria for measuring and allocating, as an element of contract cost, the cost of capital committed to facilities. Cost-of-money factors are developed on Form CASB-CMF, broken down by overhead pool at the business unit, using—

(A) Business-unit facilities capital data,

(B) Overhead allocation base data, and

(C) The cost-of-money rate, which is based on interest rates specified by the Secretary of the Treasury under Public Law 92-41.

(2) *Allowability.* Whether or not the contract is otherwise subject to CAS, facilities capital cost of money is allowable if—

(i) The contractor's capital investment is measured, allocated to contracts, and costed in accordance with 48 CFR 9904.414;

(ii) The contractor maintains adequate records to demonstrate compliance with this standard;

(iii) The estimated facilities capital cost of money is specifically identified or proposed in cost proposals relating to the contract under which this cost is to be claimed; and

(iv) The requirements of 31.205-52, which limit the allowability of facilities capital cost of money, are observed.

(3) *Accounting.* The facilities capital cost of money need not be entered on the contractor's books of account. However, the contractor shall—

(i) Make a memorandum entry of the cost, and

(ii) Maintain, in a manner that permits audit and verification, all relevant schedules, cost data, and other data necessary to support the entry fully.

(4) *Payment.* Facilities capital cost of money that is—

(i) Allowable under subparagraph (2) of this subsection; and

(ii) Calculated, allocated, and documented in accordance with this cost principle shall be an "incurred cost" for reimbursement purposes under applicable cost-reimbursement contracts and for progress payment purposes under fixed-price contracts.

(5) The requirements of 31.205-52 shall be observed in determining the allowable cost of money attributable to including asset valuations resulting from business combinations in the facilities capital employed base.

(b) *Cost of money as an element of the cost of capital assets under construction*—(1) *General.* (i) Cost of money as an element of the cost of capital assets under construction is an imputed cost determined by applying a cost-of-money rate to the investment in tangible and intangible capital assets while they are being constructed, fabricated, or developed for a contractor's own use. Capital employed is determined without regard to whether its source is equity or borrowed capital. The resulting cost of money is not a form of interest on borrowing (see 31.205-20).

(ii) 48 CFR 9904.417, Cost of Money as an Element of the Cost of Capital Assets Under Construction, establishes criteria for measuring and allocating, as an element of contract cost, the cost of capital committed to capital assets under construction, fabrication, or development.

(2) *Allowability.* (i) Whether or not the contract is otherwise subject to CAS, and except as specified in subdivision (ii) of this section, the cost of money for capital assets under construction, fabrication, or development is allowable if—

(A) The cost of money is calculated, allocated to contracts, and costed in accordance with 48 CFR 9904.417;

(B) The contractor maintains adequate records to demonstrate compliance with this standard;

(C) The cost of money for tangible capital assets is included in the capitalized cost that provides the basis for allowable depreciation costs, or, in the case of intangible capital assets, the cost of money is included in the cost of those assets for which amortization costs are allowable; and

(D) The requirements of 31.205-52, which limit the allowability of cost of money for capital assets under construction, fabrication, or development, are observed.

(ii) Actual interest cost in lieu of the calculated imputed cost of money for capital assets under construction, fabrication, or development is unallowable.

(3) *Accounting.* The cost of money for capital assets under construction need not be entered on the contractor's books of account. However, the contractor shall (i) make a

memorandum entry of the cost and (ii) maintain, in a manner that permits audit and verification, all relevant schedules, cost data, and other data necessary to support the entry fully.

(4) *Payment.* The cost of money for capital assets under construction that is allowable under subparagraph (2) above of this cost principle shall be an "incurred cost" for reimbursement purposes under applicable cost-reimbursement contracts and for progress payment purposes under fixed-price contracts.

31.205-11 Depreciation.

(a) Depreciation is a charge to current operations which distributes the cost of a tangible capital asset, less estimated residual value, over the estimated useful life of the asset in a systematic and logical manner. It does not involve a process of valuation. Useful life refers to the prospective period of economic usefulness in a particular contractor's operations as distinguished from physical life; it is evidenced by the actual or estimated retirement and replacement practice of the contractor.

(b) Contractors having contracts subject to 48 CFR 9904.409, Depreciation of Tangible Capital Assets, must adhere to the requirement of that standard for all fully CAS-covered contracts and may elect to adopt the standard for all other contracts. All requirements of 48 CFR 9904.409 are applicable if the election is made, and its requirements supersede any conflicting requirements of this cost principle. Once electing to adopt 48 CFR 9904.409 for all contracts, contractors must continue to follow it until notification of final acceptance of all deliverable items on all open negotiated Government contracts. Paragraphs (c) through (e) below apply to contracts to which 48 CFR 9904.409 is not applied.

(c) Normal depreciation on a contractor's plant, equipment, and other capital facilities is an allowable contract cost, if the contractor is able to demonstrate that it is reasonable and allocable (but see paragraph (i) of this section).

(d) Depreciation shall be considered reasonable if the contractor follows policies and procedures that are—

- (1) Consistent with those followed in the same cost center for business other than Government;
- (2) Reflected in the contractor's books of accounts and financial statements; and
- (3) Both used and acceptable for Federal income tax purposes.

(e) When the depreciation reflected on a contractor's books of accounts and financial statements differs from that used and acceptable for Federal income tax purposes, reimbursement shall be based on the asset cost amortized over the estimated useful life of the property using depreciation methods (straight line, sum of the years' digits, etc.) acceptable for income tax purposes. Allowable depreciation shall not exceed the amounts used for book and statement purposes

and shall be determined in a manner consistent with the depreciation policies and procedures followed in the same cost center on non-Government business (but see paragraph (o) of this subsection).

(f) Depreciation for reimbursement purposes in the case of tax-exempt organizations shall be determined on the basis described in paragraph (e) of this section.

(g) Special considerations are required for assets acquired before the effective date of this cost principle if, on that date, the undepreciated balance of these assets resulting from depreciation policies and procedures used previously for Government contracts and subcontracts is different from the undepreciated balance on the books and financial statements. The undepreciated balance for contract cost purposes shall be depreciated over the remaining life using the methods and lives followed for book purposes. The aggregate depreciation of any asset allowable after the effective date of this 31.205-11 shall not exceed the cost basis of the asset less any depreciation allowed or allowable under prior acquisition regulations.

(h) Depreciation should usually be allocated to the contract and other work as an indirect cost. The amount of depreciation allowed in any accounting period may, consistent with the basic objectives in paragraph (a) above, vary with volume of production or use of multishift operations.

(i) In the case of emergency facilities covered by certificates of necessity, a contractor may elect to use normal depreciation without requesting a determination of "true depreciation," or may elect to use either normal or "true depreciation" after a determination of "true depreciation" has been made by an Emergency Facilities Depreciation Board (EFDB). The method elected must be followed consistently throughout the life of the emergency facility. When an election is made to use normal depreciation, the criteria in paragraphs (c), (d), (e), and (f) of this section shall apply for both the emergency period and the post-emergency period. When an election is made to use "true depreciation," the amount allowable as depreciation—

(1) With respect to the emergency period (five years), shall be computed in accordance with the determination of the EFDB and allocated rateably over the full five year emergency period; *provided* no other allowance is made which would duplicate the factors, such as extraordinary obsolescence, covered by the Board's determination; and

(2) After the end of the emergency period, shall be computed by distributing the remaining undepreciated portion of the cost of the emergency facility over the balance of its useful life provided the remaining undepreciated portion of such cost shall not include any amount of unrecovered "true depreciation."

(j) No depreciation, rental, or use charge shall be allowed on property acquired at no cost from the

Government by the contractor or by any division, subsidiary, or affiliate of the contractor under common control.

(k) The depreciation on any item which meets the criteria for allowance at a "price" under 31.205-26(e) may be based on that price, provided the same policies and procedures are used for costing all business of the using division, subsidiary, or organization under common control.

(l) No depreciation or rental shall be allowed on property fully depreciated by the contractor or by any division, subsidiary, or affiliate of the contractor under common control. However, a reasonable charge for using fully depreciated property may be agreed upon and allowed (but see 31.109(h)(2)). In determining the charge, consideration shall be given to cost, total estimated useful life at the time of negotiations, effect of any increased maintenance charges or decreased efficiency due to age, and the amount of depreciation previously charged to Government contracts or subcontracts.

(m) 48 CFR 9904.404, Capitalization of Tangible Assets, applies to assets acquired by a "capital lease" as defined in Statement of Financial Accounting Standard No. 13 (FAS-13), Accounting for Leases, issued by the Financial Accounting Standards Board (FASB). Compliance with 48 CFR 9904.404 and FAS-13 requires that such leased assets (capital leases) be treated as purchased assets; *i.e.*, be capitalized and the capitalized value of such assets be distributed over their useful lives as depreciation charges, or over the leased life as amortization charges as appropriate. Assets whose leases are classified as capital leases under FAS-13 are subject to the requirements of 31.205-11 while assets acquired under leases classified as operating leases are subject to the requirements on rental costs in 31.205-36. The standards of financial accounting and reporting prescribed by FAS-13 are incorporated into this principle and shall govern its application, except as provided in subparagraphs (1), (2), and (3) of this paragraph.

(1) Rental costs under a sale and leaseback arrangement shall be allowable up to the amount that would have been allowed had the contractor retained title to the property.

(2) Capital leases, as defined in FAS-13, for all real and personal property, between any related parties are subject to the requirements of this subparagraph 31.205-11(m). If it is determined that the terms of the lease have been significantly affected by the fact that the lessee and lessor are related, depreciation charges shall not be allowed in excess of those which would have occurred if the lease contained terms consistent with those found in a lease between unrelated parties.

(3) Assets acquired under leases that the contractor must capitalize under FAS-13 shall not be treated as purchased assets for contract purposes if the leases are covered by 31.205-36(b)(4).

(n) Whether or not the contract is otherwise subject to CAS, the requirements of 31.205-52, which limit the allowability of depreciation, shall be observed.

(o) In the event of a write-down from carrying value to fair value as a result of impairments caused by events or changes in circumstances, allowable depreciation of the impaired assets shall be limited to the amounts that would have been allowed had the assets not been written down (see 31.205-16(g)). However, this does not preclude a change in depreciation resulting from other causes such as permissible changes in estimates of service life, consumption of services, or residual value.

31.205-12 Economic planning costs.

(a) This category includes costs of generalized long-range management planning that is concerned with the future overall development of the contractor's business and that may take into account the eventual possibility of economic dislocations or fundamental alterations in those markets in which the contractor currently does business. Economic planning costs do not include organization or reorganization costs covered by 31.205-27.

(b) Economic planning costs are allowable as indirect costs to be properly allocated.

(c) Research and development and engineering costs designed to lead to new products for sale to the general public are not allowable under this principle.

31.205-13 Employee morale, health, welfare, food service, and dormitory costs and credits.

(a) Aggregate costs incurred on activities designed to improve working conditions, employer-employee relations, employee morale, and employee performance (less income generated by these activities) are allowable, except as limited by paragraphs (b), (c), and (d) of this subsection. Some examples of allowable activities are house publications, health clinics, wellness/fitness centers, employee counseling services, and food and dormitory services, which include operating or furnishing facilities for cafeterias, dining rooms, canteens, lunch wagons, vending machines, living accommodations, or similar types of services for the contractor's employees at or near the contractor's facilities.

(b) *Costs of gifts are unallowable.* (Gifts do not include awards for performance made pursuant to 31.205-6(f) or awards made in recognition of employee achievements pursuant to an established contractor plan or policy.)

(c) Costs of recreation are unallowable, except for the costs of employees' participation in company sponsored sports teams or employee organizations designed to improve company loyalty, team work, or physical fitness.

(d) Losses from operating food and dormitory services may be included as costs only if the contractor's objective is to operate such services on a break-even basis. Losses sus-

tained because food services or lodging accommodations are furnished without charge or at prices or rates which obviously would not be conducive to the accomplishment of the above objective are not allowable. A loss may be allowed, however, to the extent that the contractor can demonstrate that unusual circumstances exist (e.g., where the contractor must provide food or dormitory services at remote locations where adequate commercial facilities are not reasonably available; or where charged but unproductive labor costs would be excessive but for the services provided or where cessation or reduction of food or dormitory operations will not otherwise yield net cost savings) such that even with efficient management, operating the services on a break-even basis would require charging inordinately high prices, or prices or rates higher than those charged by commercial establishments offering the same services in the same geographical areas. Costs of food and dormitory services shall include an allocable share of indirect expenses pertaining to these activities.

(e) When the contractor has an arrangement authorizing an employee association to provide or operate a service, such as vending machines in the contractor's plant, and retain the profits, such profits shall be treated in the same manner as if the contractor were providing the service (but see paragraph (f) of this subsection).

(f) Contributions by the contractor to an employee organization, including funds from vending machine receipts or similar sources, may be included as costs incurred under paragraph (a) of this subsection only to the extent that the contractor demonstrates that an equivalent amount of the costs incurred by the employee organization would be allowable if directly incurred by the contractor.

31.205-14 Entertainment costs.

Costs of amusement, diversions, social activities, and any directly associated costs such as tickets to shows or sports events, meals, lodging, rentals, transportation, and gratuities are unallowable. Costs made specifically unallowable under this cost principle are not allowable under any other cost principle. Costs of membership in social, dining, or country clubs or other organizations having the same purposes are also unallowable, regardless of whether the cost is reported as taxable income to the employees.

31.205-15 Fines, penalties, and mischarging costs.

(a) Costs of fines and penalties resulting from violations of, or failure of the contractor to comply with, Federal, State, local, or foreign laws and regulations, are unallowable except when incurred as a result of compliance with specific terms and conditions of the contract or written instructions from the contracting officer.

(b) Costs incurred in connection with, or related to, the mischarging of costs on Government contracts are unallow-

able when the costs are caused by, or result from, alteration or destruction of records, or other false or improper charging or recording of costs. Such costs include those incurred to measure or otherwise determine the magnitude of the improper charging, and costs incurred to remedy or correct the mischarging, such as costs to rescreen and reconstruct records.

31.205-16 Gains and losses on disposition or impairment of depreciable property or other capital assets.

(a) Gains and losses from the sale, retirement, or other disposition (but see 31.205-19) of depreciable property shall be included in the year in which they occur as credits or charges to the cost grouping(s) in which the depreciation or amortization applicable to those assets was included (but see paragraph (d) of this subsection). However, no gain or loss shall be recognized as a result of the transfer of assets in a business combination (see 31.205-52).

(b) Gains and losses on disposition of tangible capital assets, including those acquired under capital leases (see 31.205-11(m)), shall be considered as adjustments of depreciation costs previously recognized. The gain or loss for each asset disposed of is the difference between the net amount realized, including insurance proceeds from involuntary conversions, and its undepreciated balance. The gain recognized for contract costing purposes shall be limited to the difference between the acquisition cost (or for assets acquired under a capital lease, the value at which the leased asset is capitalized) of the asset and its undepreciated balance (except see subdivisions (c)(2)(i) or (ii) of this section).

(c) Special considerations apply to an involuntary conversion which occurs when a contractor's property is destroyed by events over which the owner has no control, such as fire, windstorm, flood, accident, theft, etc., and an insurance award is recovered. The following govern involuntary conversions:

(1) When there is a cash award and the converted asset is not replaced, gain or loss shall be recognized in the period of disposition. The gain recognized for contract costing purposes shall be limited to the difference between the acquisition cost of the asset and its undepreciated balance.

(2) When the converted asset is replaced, the contractor shall either—

(i) Adjust the depreciable basis of the new asset by the amount of the total realized gain or loss; or

(ii) Recognize the gain or loss in the period of disposition, in which case the Government shall participate to the same extent as outlined in subparagraph (c)(1) of this subsection.

(d) Gains and losses on the disposition of depreciable property shall not be recognized as a separate charge or credit when—

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(1) Gains and losses are processed through the depreciation reserve account and reflected in the depreciation allowable under 31.205-11; or

(2) The property is exchanged as part of the purchase price of a similar item, and the gain or loss is taken into consideration in the depreciation cost basis of the new item.

(e) Gains and losses arising from mass or extraordinary sales, retirements, or other disposition other than through business combinations shall be considered on a case-by-case basis.

(f) Gains and losses of any nature arising from the sale or exchange of capital assets other than depreciable property shall be excluded in computing contract costs.

(g) With respect to long-lived tangible and identifiable intangible assets held for use, no loss shall be allowed for a write-down from carrying value to fair value as a result of impairments caused by events or changes in circumstances (e.g., environmental damage, idle facilities arising from a declining business base, etc.). If depreciable property or other capital assets have been written down from carrying value to fair value due to impairments, gains or losses upon disposition shall be the amounts that would have been allowed had the assets not been written down.

31.205-17 Idle facilities and idle capacity costs.

(a) "Costs of idle facilities or idle capacity," as used in this subsection, means costs such as maintenance, repair, housing, rent, and other related costs; e.g., property taxes, insurance, and depreciation.

"Facilities," as used in this subsection, means plant or any portion thereof (including land integral to the operation), equipment, individually or collectively, or any other tangible capital asset, wherever located, and whether owned or leased by the contractor.

"Idle capacity," as used in this subsection, means the unused capacity of partially used facilities. It is the difference between that which a facility could achieve under 100 percent operating time on a one-shift basis, less operating interruptions resulting from time lost for repairs, setups, unsatisfactory materials, and other normal delays, and the extent to which the facility was actually used to meet demands during the accounting period. A multiple-shift basis may be used in the calculation instead of a one-shift basis if it can be shown that this amount of usage could normally be expected for the type of facility involved.

"Idle facilities," as used in this subsection, means completely unused facilities that are excess to the contractor's current needs.

(b) The costs of idle facilities are unallowable unless the facilities—

(1) Are necessary to meet fluctuations in workload; or

(2) Were necessary when acquired and are now idle because of changes in requirements, production economies,

reorganization, termination, or other causes which could not have been reasonably foreseen. (Costs of idle facilities are allowable for a reasonable period, ordinarily not to exceed 1 year, depending upon the initiative taken to use, lease, or dispose of the idle facilities (but see 31.205-42)).

(c) Costs of idle capacity are costs of doing business and are a factor in the normal fluctuations of usage or overhead rates from period to period. Such costs are allowable provided the capacity is necessary or was originally reasonable and is not subject to reduction or elimination by subletting, renting, or sale, in accordance with sound business, economics, or security practices. Widespread idle capacity throughout an entire plant or among a group of assets having substantially the same function may be idle facilities.

(d) Any costs to be paid directly by the Government for idle facilities or idle capacity reserved for defense mobilization production shall be the subject of a separate agreement.

31.205-18 Independent research and development and bid and proposal costs.

(a) Definitions.

"Applied research," as used in this subsection, means that effort which (1) normally follows basic research, but may not be severable from the related basic research, (2) attempts to determine and exploit the potential of scientific discoveries or improvements in technology, materials, processes, methods, devices, or techniques, and (3) attempts to advance the state of the art. Applied research does not include efforts whose principal aim is design, development, or test of specific items or services to be considered for sale; these efforts are within the definition of the term "development," defined in this subsection.

"Basic research," as used in this subsection, means that research which is directed toward increase of knowledge in science. The primary aim of basic research is a fuller knowledge or understanding of the subject under study, rather than any practical application thereof.

"Bid and proposal (B&P) costs," as used in this subsection, means the costs incurred in preparing, submitting, and supporting bids and proposals (whether or not solicited) on potential Government or non-Government contracts. The term does not include the costs of effort sponsored by a grant or cooperative agreement, or required in the performance of a contract.

"Company," as used in this subsection, means all divisions, subsidiaries, and affiliates of the contractor under common control.

"Development," as used in this subsection, means the systematic use, under whatever name, of scientific and technical knowledge in the design, development, test, or evaluation of a potential new product or service (or of an improvement in an existing product or service) for the pur-

pose of meeting specific performance requirements or objectives. Development includes the functions of design engineering, prototyping, and engineering testing. Development excludes—

(1) Subcontracted technical effort which is for the sole purpose of developing an additional source for an existing product, or

(2) Development effort for manufacturing or production materials, systems, processes, methods, equipment, tools, and techniques not intended for sale.

"Independent research and development (IR&D)," as used in this subsection, means a contractor's IR&D cost that consists of projects falling within the four following areas: (1) basic research, (2) applied research, (3) development, and (4) systems and other concept formulation studies. The term does not include the costs of effort sponsored by a grant or required in the performance of a contract. IR&D effort shall not include technical effort expended in developing and preparing technical data specifically to support submitting a bid or proposal.

"Systems and other concept formulation studies," as used in this subsection, means analyses and study efforts either related to specific IR&D efforts or directed toward identifying desirable new systems, equipment or components, or modifications and improvements to existing systems, equipment, or components.

(b) *Composition and allocation of costs.* The requirements of 48 CFR 9904.420, Accounting for independent research and development costs and bid and proposal costs, are incorporated in their entirety and shall apply as follows—

(1) *Fully-CAS-covered contracts.* Contracts that are fully-CAS-covered shall be subject to all requirements of 48 CFR 9904.420.

(2) *Modified CAS-covered and non-CAS-covered contracts.* Contracts that are not CAS-covered or that contain terms or conditions requiring modified CAS coverage shall be subject to all requirements of 48 CFR 9904.420 except 48 CFR 9904.420-50(e)(2) and 48 CFR 9904.420-50(f)(2), which are not then applicable. However, non-CAS-covered or modified CAS-covered contracts awarded at a time the contractor has CAS-covered contracts requiring compliance with 48 CFR 9904.420, shall be subject to all the requirements of 48 CFR 9904.420. When the requirements of 48 CFR 9904.420-50(e)(2) and 48 CFR 9904.420-50(f)(2) are not applicable, the following apply:

(i) IR&D and B&P costs shall be allocated to final cost objectives on the same basis of allocation used for the G&A expense grouping of the profit center (see 31.001) in which the costs are incurred. However, when IR&D and B&P costs clearly benefit other profit centers or benefit the entire company, those costs shall be allocated through the

G&A of the other profit centers or through the corporate G&A, as appropriate.

(ii) If allocations of IR&D or B&P through the G&A base do not provide equitable cost allocation, the contracting officer may approve use of a different base.

(c) *Allowability.* Except as provided in paragraphs (d) and (e) of this subsection, or as provided in agency regulations, costs for IR&D and B&P are allowable as indirect expenses on contracts to the extent that those costs are allocable and reasonable.

(d) *Deferred IR&D costs.* (1) IR&D costs that were incurred in previous accounting periods are unallowable, except when a contractor has developed a specific product at its own risk in anticipation of recovering the development costs in the sale price of the product provided that—

(i) The total amount of IR&D costs applicable to the product can be identified;

(ii) The proration of such costs to sales of the product is reasonable;

(iii) The contractor had no Government business during the time that the costs were incurred or did not allocate IR&D costs to Government contracts except to prorate the cost of developing a specific product to the sales of that product; and

(iv) No costs of current IR&D programs are allocated to Government work except to prorate the costs of developing a specific product to the sales of that product.

(2) When deferred costs are recognized, the contract (except firm-fixed-price and fixed-price with economic price adjustment) will include a specific provision setting forth the amount of deferred IR&D costs that are allocable to the contract. The negotiation memorandum will state the circumstances pertaining to the case and the reason for accepting the deferred costs.

(e) *Cooperative arrangements.* (1) IR&D costs may be incurred by contractors working jointly with one or more non-Federal entities pursuant to a cooperative arrangement (for example, joint ventures, limited partnerships, teaming arrangements, and collaboration and consortium arrangements). IR&D costs also may include costs contributed by contractors in performing cooperative research and development agreements, or similar arrangements, entered into under—

(i) Section 12 of the Stevenson-Wydler Technology Transfer Act of 1980 (15 U.S.C. 3710(a));

(ii) Sections 203(c)(5) and (6) of the National Aeronautics and Space Act of 1958, as amended (42 U.S.C. 2473(c)(5) and (6));

(iii) 10 U.S.C. 2371 for the Defense Advanced Research Projects Agency; or

(iv) Other equivalent authority.

(2) IR&D costs incurred by a contractor pursuant to these types of cooperative arrangements should be consid-

ered as allowable IR&D costs if the work performed would have been allowed as contractor IR&D had there been no cooperative arrangement.

(3) Costs incurred in preparing, submitting, and supporting offers on potential cooperative arrangements are allowable to the extent they are allocable, reasonable, and not otherwise unallowable.

31.205-19 Insurance and indemnification.

(a) Insurance by purchase or by self-insuring includes coverage the contractor is required to carry, or to have approved, under the terms of the contract and any other coverage the contractor maintains in connection with the general conduct of its business. Any contractor desiring to establish a program of self-insurance applicable to contracts that are not subject to 48 CFR 9904.416, Accounting for Insurance Costs, shall comply with the self-insurance requirements of that standard as well as with Part 28 of this Regulation. However, approval of a contractor's insurance program in accordance with Part 28 does not constitute a determination as to the allowability of the program's cost. The amount of insurance costs which may be allowed is subject to the cost limitations and exclusions in the following subparagraphs.

(1) Costs of insurance required or approved, and maintained by the contractor pursuant to the contract, are allowable.

(2) Costs of insurance maintained by the contractor in connection with the general conduct of its business are allowable, subject to the following limitations:

(i) Types and extent of coverage shall follow sound business practice, and the rates and premiums must be reasonable.

(ii) Costs allowed for business interruption or other similar insurance must be limited to exclude coverage of profit.

(iii) The cost of property insurance premiums for insurance coverage in excess of the acquisition cost of the insured assets is allowable only when the contractor has a formal written policy assuring that in the event the insured property is involuntarily converted, the new asset shall be valued at the book value of the replaced asset plus or minus adjustments for differences between insurance proceeds and actual replacement cost. If the contractor does not have such a formal written policy, the cost of premiums for insurance coverage in excess of the acquisition cost of the insured asset is unallowable.

(iv) Costs of insurance for the risk of loss of or damage to Government property are allowable only to the extent that the contractor is liable for such loss or damage and such insurance does not cover loss or damage that results from willful misconduct or lack of good faith on the part of any of the contractor's directors or officers or other equivalent representatives.

(v) Contractors operating under a program of self-insurance must obtain approval of the program when required by 28.308(a).

(vi) Costs of insurance on the lives of officers, partners, or proprietors are allowable only to the extent that the insurance represents additional compensation (see 31.205-6).

(3) Actual losses are unallowable unless expressly provided for in the contract, except—(i) Losses incurred under the nominal deductible provisions of purchased insurance, in keeping with sound business practice, are allowable for contracts not subject to 48 CFR 9904.416 and when the

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contractor did not establish a self-insurance program. Such contracts are not subject to the self-insurance requirements of 48 CFR 9904.416. For contracts subject to 48 CFR 9904.416, and for those made subject to the self-insurance requirements of that Standard as a result of the contractor's having established a self-insurance program (see paragraph (a) of this section), actual losses may be used as a basis for charges under a self-insurance program when the actual amount of losses will not differ significantly from the projected average losses for the accounting period (see 48 CFR 9904.416.50(a)(2)(ii)). In those instances where an actual loss has occurred and the present value of the liability is determined under the provisions of 48 CFR 9904.416-50(a)(3)(ii), the allowable cost shall be limited to an amount computed using as a discount rate the interest rate determined by the Secretary of the Treasury pursuant to 50 U.S.C. App. 1215(b)(2) in effect at the time the loss is recognized. However, the full amount of a lump-sum settlement to be paid within a year of the date of settlement is allowable.

(ii) Minor losses, such as spoilage, breakage, and disappearance of small hand tools that occur in the ordinary course of doing business and that are not covered by insurance are allowable.

(4) The cost of insurance to protect the contractor against the costs of correcting its own defects in materials or workmanship is unallowable. However, insurance costs to cover fortuitous or casualty losses resulting from defects in materials or workmanship are allowable as a normal business expense.

(5) Premiums for retroactive or backdated insurance written to cover occurred and known losses are unallowable.

(b) If purchased insurance is available, the charge for any self-insurance coverage plus insurance administration expenses shall not exceed the cost of comparable purchased insurance plus associated insurance administration expenses.

(c) Insurance provided by captive insurers (insurers owned by or under the control of the contractor) is considered self-insurance, and charges for it must comply with the self-insurance provisions of 48 CFR 9904.416. However, if the captive insurer also sells insurance to the general public in substantial quantities and it can be demonstrated that the charge to the contractor is based on competitive market forces, the insurance will be considered purchased insurance.

(d) The allowability of premiums for insurance purchased from fronting insurance companies (insurance companies not related to the contractor but who reinsure with a captive insurer of the contractor) shall not exceed the amount (plus reasonable fronting company charges for ser-

vices rendered) which the contractor would have been allowed had it insured directly with the captive insurer.

(e) Self-insurance charges for risks of catastrophic losses are not allowable (see 28.308(e)).

(f) The Government is obligated to indemnify the contractor only to the extent authorized by law, as expressly provided for in the contract, except as provided in paragraph (a)(3) of this section.

(g) Late premium payment charges related to employee deferred compensation plan insurance incurred pursuant to Section 4007 (29 U.S.C. 1307) or Section 4023 (29 U.S.C. 1323) of the Employee Retirement Income Security Act of 1974 are unallowable.

31.205-20 Interest and other financial costs.

Interest on borrowings (however represented), bond discounts, costs of financing and refinancing capital (net worth plus long-term liabilities), legal and professional fees paid in connection with preparing prospectuses, and costs of preparing and issuing stock rights are unallowable (but see 31.205-28). However, interest assessed by State or local taxing authorities under the conditions specified in 31.205-41(a)(3) is allowable.

31.205-21 Labor relations costs.

Costs incurred in maintaining satisfactory relations between the contractor and its employees, including costs of shop stewards, labor management committees, employee publications, and other related activities, are allowable.

31.205-22 Lobbying and political activity costs.

(a) Costs associated with the following activities are unallowable:

(1) Attempts to influence the outcomes of any Federal, State, or local election, referendum, initiative, or similar procedure, through in kind or cash contributions, endorsements, publicity, or similar activities;

(2) Establishing, administering, contributing to, or paying the expenses of a political party, campaign, political action committee, or other organization established for the purpose of influencing the outcomes of elections;

(3) Any attempt to influence—

(i) The introduction of Federal, state, or local legislation, or

(ii) The enactment or modification of any pending Federal, state, or local legislation through communication with any member or employee of the Congress or state legislature (including efforts to influence state or local officials to engage in similar lobbying activity), or with any government official or employee in connection with a decision to sign or veto enrolled legislation;

(4) Any attempt to influence—

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terms, processes, methods, equipment, tools and techniques. Such technical effort is governed by 31.205-18, Independent research and development and bid and proposal costs; and

(2) Development effort for manufacturing or production materials, systems, processes, methods, equipment, tools, and techniques that are intended for sale is also governed by 31.205-18.

(c) Where manufacturing or production development costs are capitalized or required to be capitalized under the contractor's capitalization policies, allowable cost will be determined in accordance with the requirements of 31.205-11, Depreciation.

31.205-26 Material costs.

(a) Material costs include the costs of such items as raw materials, parts, sub-assemblies, components, and manufacturing supplies, whether purchased or manufactured by the contractor, and may include such collateral items as inbound transportation and intransit insurance. In computing material costs, consideration shall be given to reasonable overruns, spoilage, or defective work (unless otherwise provided in any contract provision relating to inspecting and correcting defective work). These costs are allowable, subject to the requirements of paragraphs (b) through (e) of this section.

(b) Costs of material shall be adjusted for income and other credits, including available trade discounts, refunds, rebates, allowances, and cash discounts, and credits for scrap, salvage, and material returned to vendors. Such income and other credits shall either be credited directly to the cost of the material or be allocated as a credit to indirect costs. When the contractor can demonstrate that failure to take cash discounts was reasonable, lost discounts need not be credited.

(c) Reasonable adjustments arising from differences between periodic physical inventories and book inventories may be included in arriving at costs; provided, such adjustments relate to the period of contract performance.

(d) When materials are purchased specifically for and are identifiable solely with performance under a contract, the actual purchase cost of those materials should be charged to the contract. If material is issued from stores, any generally recognized method of pricing such material is acceptable if that method is consistently applied and the results are equitable. When estimates of future material costs are required, current market price or anticipated acquisition cost may be used, but the basis of pricing must be disclosed.

(e) Allowance for all materials, supplies, and services that are sold or transferred between any divisions, subdivisions, subsidiaries, or affiliates of the contractor under a common control shall be on the basis of cost incurred in

accordance with this subpart. However, allowance may be at price when it is the established practice of the transferring organization to price interorganizational transfers at other than cost for commercial work of the contractor or any division, subsidiary, or affiliate of the contractor under a common control, and when the item being transferred qualifies for an exception under 15.403-1(b) and the contracting officer has not determined the price to be unreasonable.

(f) When a commercial item under paragraph (e) of this subsection is transferred at a price based on a catalog or market price, the price should be adjusted to reflect the quantities being acquired and may be adjusted to reflect the actual cost of any modifications necessary because of contract requirements.

31.205-27 Organization costs.

(a) Except as provided in paragraph (b) of this subsection, expenditures in connection with (1) planning or executing the organization or reorganization of the corporate structure of a business, including mergers and acquisitions, (2) resisting or planning to resist the reorganization of the corporate structure of a business or a change in the controlling interest in the ownership of a business, and (3) raising capital (net worth plus long-term liabilities), are unallowable. Such expenditures include but are not limited to incorporation fees and costs of attorneys, accountants, brokers, promoters and organizers, management consultants and investment counselors, whether or not employees of the contractor. Unallowable "reorganization" costs include the cost of any change in the contractor's financial structure, excluding administrative costs of short-term borrowings for working capital, resulting in alterations in the rights and interests of security holders, whether or not additional capital is raised.

(b) The cost of activities primarily intended to provide compensation will not be considered organizational costs subject to this subsection, but will be governed by 31.205-6. These activities include acquiring stock for—

- (1) Executive bonuses,
- (2) Employee savings plans, and
- (3) Employee stock ownership plans.

31.205-28 Other business expenses.

The following types of recurring costs are allowable when allocated on an equitable basis:

- (a) Registry and transfer charges resulting from changes in ownership of securities issued by the contractor.
- (b) Cost of shareholders' meetings.
- (c) Normal proxy solicitations.
- (d) Preparing and publishing reports to shareholders.
- (e) Preparing and submitting required reports and forms to taxing and other regulatory bodies.
- (f) Incidental costs of directors' and committee meetings.
- (g) Other similar costs.

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31.205-29 Plant protection costs.

Costs of items such as—

- (a) Wages, uniforms, and equipment of personnel engaged in plant protection,
- (b) Depreciation on plant protection capital assets, and
- (c) Necessary expenses to comply with military requirements, are allowable.

31.205-30 Patent costs.

(a) The following patent costs are allowable to the extent that they are incurred as requirements of a Government contract (but see 31.205-33):

- (1) Costs of preparing invention disclosures, reports, and other documents.
- (2) Costs for searching the art to the extent necessary to make the invention disclosures.

(3) Other costs in connection with the filing and prosecution of a United States patent application where title or royalty-free license is to be conveyed to the Government.

(b) General counseling services relating to patent matters, such as advice on patent laws, regulations, clauses, and employee agreements, are allowable (but see 31.205-33).

(c) Other than those for general counseling services, patent costs not required by the contract are unallowable. (See also 31.205-37.)

31.205-31 Plant reconversion costs.

Plant reconversion costs are those incurred in restoring or rehabilitating the contractor's facilities to approximately the same condition existing immediately before the start of the Government contract, fair wear and tear excepted. Reconversion costs are unallowable except for the cost of removing Government property and the restoration or rehabilitation costs caused by such removal. However, in special circumstances where equity so dictates, additional costs may be allowed to the extent agreed upon before costs are incurred. Care should be exercised to avoid duplication through allowance as contingencies, additional profit or fee, or in other contracts.

31.205-32 Precontract costs.

Precontract costs are those incurred before the effective date of the contract directly pursuant to the negotiation and in anticipation of the contract award when such incurrence is necessary to comply with the proposed contract delivery schedule. Such costs are allowable to the extent that they would have been allowable if incurred after the date of the contract (see 31.109).

31.205-33 Professional and consultant service costs.

(a) *Definition.* "Professional and consultant services", as used in this subpart, are those services rendered by persons who are members of a particular profession or possess

a special skill and who are not officers or employees of the contractor. Examples include those services acquired by contractors or subcontractors in order to enhance their legal, economic, financial, or technical positions. Professional and consultant services are generally acquired to obtain information, advice, opinions, alternatives, conclusions, recommendations, training, or direct assistance, such as studies, analyses, evaluations, liaison with Government officials, or other forms of representation.

(b) Costs of professional and consultant services are allowable subject to this paragraph and paragraphs (c) through (f) of this subsection when reasonable in relation to the services rendered and when not contingent upon recovery of the costs from the Government (but see 31.205-30 and 31.205-47).

(c) Costs of professional and consultant services performed under any of the following circumstances are unallowable:

(1) Services to improperly obtain, distribute, or use information or data protected by law or regulation (e.g., 52.215-1(e), Restriction on Disclosure and Use of Data).

(2) Services that are intended to improperly influence the contents of solicitations, the evaluation of proposals or quotations, or the selection of sources for contract award, whether award is by the Government, or by a prime contractor or subcontractor.

(3) Any other services obtained, performed, or otherwise resulting in violation of any statute or regulation prohibiting improper business practices or conflicts of interest.

(4) Services performed which are not consistent with the purpose and scope of the services contracted for or otherwise agreed to.

(d) In determining the allowability of costs (including retainer fees) in a particular case, no single factor or any special combination of factors is necessarily determinative. However, the contracting officer shall consider the following factors, among others:

(1) The nature and scope of the service rendered in relation to the service required.

(2) The necessity of contracting for the service, considering the contractor's capability in the particular area.

(3) The past pattern of acquiring such services and their costs, particularly in the years prior to the award of Government contracts.

(4) The impact of Government contracts on the contractor's business.

(5) Whether the proportion of Government work to the contractor's total business is such as to influence the contractor in favor of incurring the cost, particularly when the services rendered are not of a continuing nature and have little relationship to work under Government contracts.

(6) Whether the service can be performed more economically by employment rather than by contracting.

(7) The qualifications of the individual or concern rendering the service and the customary fee charged, especially on non-Government contracts.

(8) Adequacy of the contractual agreement for the service (e.g., description of the service, estimate of time required, rate of compensation, termination provisions).

(e) Retainer fees, to be allowable, must be supported by evidence that—

(1) The services covered by the retainer agreement are necessary and customary;

(2) The level of past services justifies the amount of the retainer fees (if no services were rendered, fees are not automatically unallowable);

(3) The retainer fee is reasonable in comparison with maintaining an in-house capability to perform the covered services, when factors such as cost and level of expertise are considered; and

(4) The actual services performed are documented in accordance with paragraph (f) of this subsection.

(f) Fees for services rendered shall be allowable only when supported by evidence of the nature and scope of the service furnished. (See also 31.205-38(f).) However, retainer agreements generally are not based on specific statements of work. Evidence necessary to determine that work performed is proper and does not violate law or regulation shall include—

(1) Details of all agreements (e.g., work requirements, rate of compensation, and nature and amount of other expenses, if any) with the individuals or organizations providing the services and details of actual services performed;

(2) Invoices or billings submitted by consultants, including sufficient detail as to the time expended and nature of the actual services provided; and

(3) Consultants' work products and related documents, such as trip reports indicating persons visited and subjects discussed, minutes of meetings, and collateral memoranda and reports.

31.205-34 Recruitment costs.

(a) Subject to paragraph (b) of this subsection, the following costs are allowable:

(1) Costs of help-wanted advertising.

(2) Costs of operating an employment office needed to secure and maintain an adequate labor force.

(3) Costs of operating an aptitude and educational testing program.

(4) Travel costs of employees engaged in recruiting personnel.

(5) Travel costs of applicants for interviews.

(6) Costs for employment agencies, not in excess of standard commercial rates.

(b) Help-wanted advertising costs are unallowable if the advertising—

(1) Does not describe specific positions or classes of positions; or

(2) Includes material that is not relevant for recruitment purposes, such as extensive illustrations or descriptions of the company's products or capabilities.

31.205-35 Relocation costs.

(a) Relocation costs are costs incident to the permanent change of duty assignment (for an indefinite period or for a stated period, but in either event for not less than 12 months) of an existing employee or upon recruitment of a new employee. The following types of relocation costs are allowable as noted, subject to paragraphs (b) and (f) of this subsection:

(1) Cost of travel of the employee and members of the immediate family (see 31.205-46) and transportation of the household and personal effects to the new location.

(2) Cost of finding a new home, such as advance trips by employees and spouses to locate living quarters, and temporary lodging during the transition periods not exceeding separate cumulative totals of 60 days for employees and 45 days for spouses and dependents, including advance trip time.

(3) Closing costs (i.e., brokerage fees, legal fees, appraisal fees, points, finance charges, etc.) incident to the disposition of actual residence owned by the employee when notified of transfer, except that these costs when added to the costs described in subparagraph (a)(4) of this section shall not exceed 14 percent of the sales price of the property sold.

(4) Continuing costs of ownership of the vacant former actual residence being sold, such as maintenance of building and grounds (exclusive of fixing up expenses), utilities, taxes, property insurance, mortgage interest, after settlement date or lease date of new permanent residence, except that these costs when added to the costs described in subparagraph (a)(3) of this section, shall not exceed 14 percent of the sales price of the property sold.

(5) Other necessary and reasonable expenses normally incident to relocation, such as disconnecting and connecting household appliances; automobile registration; driver's license and use taxes; cutting and fitting rugs, draperies, and curtains; forfeited utility fees and deposits; and purchase of insurance against damage to or loss of personal property while in transit.

(6) Costs incident to acquiring a home in a new location, except that—

(i) These costs will not be allowable for existing employees or newly recruited employees who, before the relocation, were not homeowners and

(ii) The total costs shall not exceed 5 percent of the purchase price of the new home.

(7) Mortgage interest differential payments, except that these costs are not allowable for existing or newly recruited employees who, before the relocation, were not homeowners and the total payments are limited to an amount determined as follows:

(i) The difference between the mortgage interest rates of the old and new residences times the current balance of the old mortgage times 3 years.

(ii) When mortgage differential payments are made on a lump sum basis and the employee leaves or is transferred again in less than 3 years, the amount initially recognized shall be proportionately adjusted to reflect payments only for the actual time of the relocation.

(8) Rental differential payments covering situations where relocated employees retain ownership of a vacated home in the old location and rent at the new location. The rented quarters at the new location must be comparable to those vacated, and the allowable differential payments may not exceed the actual rental costs for the new home, less the fair market rent for the vacated home times 3 years.

(9) Cost of canceling an unexpired lease.

(b) The costs described in paragraph (a) of this section must also meet the following criteria to be considered allowable:

(1) The move must be for the benefit of the employer.

(2) Reimbursement must be in accordance with an established policy or practice that is consistently followed by the employer and is designed to motivate employees to relocate promptly and economically.

(3) The costs must not otherwise be unallowable under Subpart 31.2.

(4) Amounts to be reimbursed shall not exceed the employee's actual expenses, except that for miscellaneous costs of the type discussed in subparagraph (a)(5) of this section, a flat amount, not to exceed \$1,000, may be allowed in lieu of actual costs.

(c) The following types of costs are not allowable:

(1) Loss on sale of a home.

(2) Costs incident to acquiring a home in a new location as follows:

(i) Real estate brokers fees and commissions.

(ii) Cost of litigation.

(iii) Real and personal property insurance against damage or loss of property.

(iv) Mortgage life insurance.

(v) Owner's title policy insurance when such insurance was not previously carried by the employee on the old residence (however, cost of a mortgage title policy is allowable).

(vi) Property taxes and operating or maintenance costs.

(3) Continuing mortgage principal payments on residence being sold.

(4) Payments for employee income or FICA (social security) taxes incident to reimbursed relocation costs.

(5) Payments for job counseling and placement assistance to employee spouses and dependents who were not employees of the contractor at the old location.

(6) Costs incident to furnishing equity or nonequity loans to employees or making arrangements with lenders for employees to obtain lower-than-market rate mortgage loans.

(d) If relocation costs for an employee have been allowed either as an allocable indirect or direct cost, and the employee resigns within 12 months for reasons within the employee's control, the contractor shall refund or credit the relocation costs to the Government.

(e) Subject to the requirements of paragraphs (a) through (d) of this section, the costs of family movements and of personnel movements of a special or mass nature are allowable. The cost, however, should be assigned on the basis of work (contracts) or time period benefited.

(f) Relocation costs (both outgoing and return) of employees who are hired for performance on specific contracts or long-term field projects are allowable if—

(1) The term of employment is not less than 12 months;

(2) The employment agreement specifically limits the duration of employment to the time spent on the contract or field project for which the employee is hired;

(3) The employment agreement provides for return relocation to the employee's permanent and principal home immediately prior to the outgoing relocation, or other location of equal or lesser cost; and

(4) The relocation costs are determined under the rules of paragraphs (a) through (d) of this section. However, the costs to return employees, who are released from employment upon completion of field assignments pursuant to their employment agreements, are not subject to the refund or credit requirement of paragraph (d).

31.205-36 Rental costs.

(a) This subsection is applicable to the cost of renting or leasing real or personal property acquired under "operating leases" as defined in Statement of Financial Accounting Standards No. 13 (FAS-13), Accounting for Leases. Compliance with 31.205-11(m) requires that assets acquired by means of capital leases, as defined in FAS-13, shall be treated as purchased assets; *i.e.*, be capitalized and the capitalized value of such assets be distributed over their useful lives as depreciation charges, or over the lease term as amortization charges, as appropriate (but see subparagraph (b)(4) of this section).

(b) The following costs are allowable:

(1) Rental costs under operating leases, to the extent that the rates are reasonable at the time of the lease decision, after consideration of—

- (i) Rental costs of comparable property, if any;
- (ii) Market conditions in the area;
- (iii) The type, life expectancy, condition, and value of the property leased;
- (iv) Alternatives available; and
- (v) Other provisions of the agreement.

(2) Rental costs under a sale and leaseback arrangement only up to the amount the contractor would be allowed if the contractor retained title.

(3) Charges in the nature of rent for property between any divisions, subsidiaries, or organizations under common control, to the extent that they do not exceed the normal costs of ownership, such as depreciation, taxes, insurance, facilities capital cost of money, and maintenance (excluding interest or other unallowable costs pursuant to Part 31), provided that no part of such costs shall duplicate any other allowed cost. Rental cost of personal property leased from any division, subsidiary, or affiliate of the contractor under common control, that has an established practice of leasing the same or similar property to unaffiliated lessees shall be allowed in accordance with subparagraph (b)(1) of this subsection.

(4) Rental costs under leases entered into before March 1, 1970 for the remaining term of the lease (excluding options not exercised before March 1, 1970) to the extent they would have been allowable under Defense Acquisition Regulation (formerly ASPR) 15-205.34 or Federal Procurement Regulations section 1-15.205-34 in effect January 1, 1969.

(c) The allowability of rental costs under unexpired leases in connection with terminations is treated in 31.205-42(e).

31.205-37 Royalties and other costs for use of patents.

(a) Royalties on a patent or amortization of the cost of purchasing a patent or patent rights necessary for the proper performance of the contract and applicable to contract products or processes are allowable unless—

(1) The Government has a license or the right to a free use of the patent;

(2) The patent has been adjudicated to be invalid, or has been administratively determined to be invalid;

(3) The patent is considered to be unenforceable; or

(4) The patent is expired.

(b) Care should be exercised in determining reasonableness when the royalties may have been arrived at as a result of less-than-arm's-length bargaining; *e.g.*, royalties—

(1) Paid to persons, including corporations, affiliated with the contractor;

(2) Paid to unaffiliated parties, including corporations, under an agreement entered into in contemplation that a Government contract would be awarded; or

(3) Paid under an agreement entered into after the contract award.

(c) In any case involving a patent formerly owned by the contractor, the royalty amount allowed should not exceed the cost which would have been allowed had the contractor retained title.

(d) See 31.109 regarding advance agreements.

31.205-38 Selling costs.

(a) "Selling" is a generic term encompassing all efforts to market the contractor's products or services, some of which are covered specifically in other subsections of 31.205. Selling activity includes the following broad categories:

(1) Advertising.

(2) Corporate image enhancement including broadly-targeted sales efforts, other than advertising.

(3) Bid and proposal costs.

(4) Market planning.

(5) Direct selling.

(b) Advertising costs are defined at 31.205-1(b) and are subject to the allowability provisions of 31.205-1(d) and (f). Corporate image enhancement activities are included within the definitions of public relations at 31.205-1(a) and entertainment at 31.205-14 and are subject to the allowability provisions at 31.205-1(e) and (f) and 31.205-14, respectively. Bid and proposal costs are defined at 31.205-18 and have their allowability controlled by that subsection. Market planning involves market research and analysis and generalized management planning concerned with development of the contractor's business. The allowability of long-range market planning costs is controlled by the provisions of 31.205-12. Other market planning costs are allowable to the extent that they are reasonable and not in excess of the limitations of subparagraph (c)(2) of this subsection. Costs of activities which are correctly classified and disallowed under cost principles referenced in this paragraph (b) are not to be reconsidered for reimbursement under any other provision of this subsection.

(c)(1) Direct selling efforts are those acts or actions to induce particular customers to purchase particular products or services of the contractor. Direct selling is characterized by person-to-person contact and includes such activities as familiarizing a potential customer with the contractor's products or services, conditions of sale, service capabilities, etc. It also includes negotiation, liaison between customer and contractor personnel, technical and consulting activities, individual demonstrations, and any other activities having as their purpose the application or adaptation of the contractor's products or services for a particular customer's use. The cost of direct selling efforts is allowable if reasonable in amount.

(2) The costs of broadly targeted and direct selling efforts and market planning other than long-range, that are incurred in connection with a significant effort to promote export sales of products normally sold to the U.S. Government, including the costs of exhibiting and demonstrating such products, are allowable on contracts with the U.S. Government provided the costs are allocable, reasonable, and otherwise allowable under this Subpart 31.2.

(d) The costs of any selling efforts other than those addressed in paragraphs (b) or (c) of this subsection are unallowable.

(e) Costs of the type identified in paragraphs (b), (c), and (d) of this subsection are often commingled on the contractor's books in the selling expense account because these activities are performed by the sales departments. However, identification and segregation of unallowable costs is required under the provisions of 31.201-6 and 30.405, and such costs are not allowable merely because they are incurred in connection with allowable selling activities.

(f) Notwithstanding any other provision of this subsection, sellers' or agents' compensation, fees, commissions, percentages, retainer or brokerage fees, whether or not contingent upon the award of contracts, are allowable only when paid to bona fide employees or established commercial or selling agencies maintained by the contractor for the purpose of securing business.

31.205-39 Service and warranty costs.

Service and warranty costs include those arising from fulfillment of any contractual obligation of a contractor to provide services such as installation, training, correcting defects in the products, replacing defective parts, and making refunds in the case of inadequate performance. When not inconsistent with the terms of the contract, such service and warranty costs are allowable. However, care should be exercised to avoid duplication of the allowance as an element of both estimated product cost and risk.

31.205-40 Special tooling and special test equipment costs.

(a) The terms "special tooling" and "special test equipment" are defined in 45.101.

(b) The cost of special tooling and special test equipment used in performing one or more Government contracts is allowable and shall be allocated to the specific Government contract or contracts for which acquired, except that the cost of—

(1) Items acquired by the contractor before the effective date of the contract (or replacement of such items), whether or not altered or adapted for use in performing the contract, and

(2) Items which the contract schedule specifically excludes, shall be allowable only as depreciation or amortization.

(c) When items are disqualified as special tooling or special test equipment because with relatively minor expense they can be made suitable for general purpose use and have a value as such commensurate with their value as special tooling or special test equipment, the cost of adapting the items for use under the contract and the cost of returning them to their prior configuration are allowable.

31.205-41 Taxes.

(a) The following types of costs are allowable:

(1) Federal, State, and local taxes (see Part 29), except as otherwise provided in paragraph (b) of this section that are required to be and are paid or accrued in accordance with generally accepted accounting principles. Fines and penalties are not considered taxes.

(2) Taxes otherwise allowable under subparagraph (a)(1) of this section, but upon which a claim of illegality or erroneous assessment exists; provided the contractor, before paying such taxes—

(i) Promptly requests instructions from the contracting officer concerning such taxes; and

(ii) Takes all action directed by the contracting officer arising out of subparagraph (2)(i) of this section or an independent decision of the Government as to the existence of a claim of illegality or erroneous assessment, to—

(A) Determine the legality of the assessment or

(B) Secure a refund of such taxes.

(3) Pursuant to subparagraph (a)(2) of this section, the reasonable costs of any action taken by the contractor at the direction or with the concurrence of the contracting officer. Interest or penalties incurred by the contractor for non-payment of any tax at the direction of the contracting officer or by reason of the failure of the contracting officer to ensure timely direction after a prompt request.

(4) The Environmental Tax found at section 59A of the Internal Revenue Code, also called the "Superfund Tax."

(b) The following types of costs are not allowable:

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(1) Federal income and excess profits taxes.

(2) Taxes in connection with financing, refinancing, refunding operations, or reorganizations (see 31.205-20 and 31.205-27).

(3) Taxes from which exemptions are available to the contractor directly, or available to the contractor based on an exemption afforded the Government, except when the contracting officer determines that the administrative burden incident to obtaining the exemption outweighs the corresponding benefits accruing to the Government. When partial exemption from a tax is attributable to Government contract activity, taxes charged to such work in excess of that amount resulting from application of the preferential treatment are unallowable. These provisions intend that tax preference attributable to Government contract activity be realized by the Government. The term "exemption" means freedom from taxation in whole or in part and includes a tax abatement or reduction resulting from mode of assessment, method of calculation, or otherwise.

(4) Special assessments on land that represent capital improvements.

(5) Taxes (including excises) on real or personal property, or on the value, use, possession or sale thereof, which is used solely in connection with work other than on Government contracts (see paragraph (c) of this section).

(6) Any excise tax in subtitle D, chapter 43 of the Internal Revenue Code of 1986, as amended. That chapter includes excise taxes imposed in connection with qualified pension plans, welfare plans, deferred compensation plans, or other similar types of plans.

(7) Income tax accruals designed to account for the tax effects of differences between taxable income and pre-tax income as reflected by the books of account and financial statements.

(c) Taxes on property (see subparagraph (b)(5) of this section) used solely in connection with either non-Government or Government work should be considered directly applicable to the respective category of work unless the amounts involved are insignificant or comparable results would otherwise be obtained; e.g., taxes on contractor-owned work-in-process which is used solely in connection with non-Government work should be allocated to such work; taxes on contractor-owned work-in-process inventory (and Government-owned work-in-process inventory when taxed) used solely in connection with Government work should be charged to such work. The cost of taxes incurred on property used in both Government and non-Government work shall be apportioned to all such work based upon the use of such property on the respective final cost objectives.

(d) Any taxes, interest, or penalties that were allowed as contract costs and are refunded to the contractor shall be credited or paid to the Government in the manner it directs.

If a contractor or subcontractor obtains a foreign tax credit that reduces its U.S. Federal income tax because of the payment of any tax or duty allowed as contract costs, and if those costs were reimbursed by a foreign government, the amount of the reduction shall be paid to the Treasurer of the United States at the time the Federal income tax return is filed. However, any interest actually paid or credited to a contractor incident to a refund of tax, interest, or penalty shall be paid or credited to the Government only to the extent that such interest accrued over the period during which the contractor had been reimbursed by the Government for the taxes, interest, or penalties.

31.205-42 Termination costs.

Contract terminations generally give rise to the incurrence of costs or the need for special treatment of costs that would not have arisen had the contract not been terminated. The following cost principles peculiar to termination situations are to be used in conjunction with the other cost principles in Subpart 31.2:

(a) *Common items.* The costs of items reasonably usable on the contractor's other work shall not be allowable unless the contractor submits evidence that the items could not be retained at cost without sustaining a loss. The contracting officer should consider the contractor's plans and orders for current and planned production when determining if items can reasonably be used on other work of the contractor. Contemporaneous purchases of common items by the contractor shall be regarded as evidence that such items are reasonably usable on the contractor's other work. Any acceptance of common items as allocable to the terminated portion of the contract should be limited to the extent that the quantities of such items on hand, in transit, and on order are in excess of the reasonable quantitative requirements of other work.

(b) *Costs continuing after termination.* Despite all reasonable efforts by the contractor, costs which cannot be discontinued immediately after the effective date of termination are generally allowable. However, any costs continuing after the effective date of the termination due to the negligent or willful failure of the contractor to discontinue the costs shall be unallowable.

(c) *Initial costs.* Initial costs, including starting load and preparatory costs, are allowable as follows:

(1) Starting load costs not fully absorbed because of termination are nonrecurring labor, material, and related overhead costs incurred in the early part of production and result from factors such as—

- (i) Excessive spoilage due to inexperienced labor;
- (ii) Idle time and subnormal production due to testing and changing production methods;
- (iii) Training; and

(iv) Lack of familiarity or experience with the product, materials, or manufacturing processes.

(2) Preparatory costs incurred in preparing to perform the terminated contract include such costs as those incurred for initial plant rearrangement and alterations, management and personnel organization, and production planning. They do not include special machinery and equipment and starting load costs.

(3) When initial costs are included in the settlement proposal as a direct charge, such costs shall not also be included in overhead. Initial costs attributable to only one contract shall not be allocated to other contracts.

(4) If initial costs are claimed and have not been segregated on the contractor's books, they shall be segregated for settlement purposes from cost reports and schedules reflecting that high unit cost incurred during the early stages of the contract.

(5) If the settlement proposal is on the inventory basis, initial costs should normally be allocated on the basis of total end items called for by the contract immediately before termination; however, if the contract includes end items of a diverse nature, some other equitable basis may be used, such as machine or labor hours.

(d) *Loss of useful value.* Loss of useful value of special tooling, and special machinery and equipment is generally allowable, provided—

(1) The special tooling, or special machinery and equipment is not reasonably capable of use in the other work of the contractor;

(2) The Government's interest is protected by transfer of title or by other means deemed appropriate by the contracting officer; and

(3) The loss of useful value for any one terminated contract is limited to that portion of the acquisition cost which bears the same ratio to the total acquisition cost as the terminated portion of the contract bears to the entire terminated contract and other Government contracts for which the special tooling, or special machinery and equipment was acquired.

(e) *Rental under unexpired leases.* Rental costs under unexpired leases, less the residual value of such leases, are generally allowable when shown to have been reasonably necessary for the performance of the terminated contract, if—

(1) The amount of rental claimed does not exceed the reasonable use value of the property leased for the period of the contract and such further period as may be reasonable; and

(2) The contractor makes all reasonable efforts to terminate, assign, settle, or otherwise reduce the cost of such lease.

(f) *Alterations of leased property.* The cost of alterations and reasonable restorations required by the lease may

be allowed when the alterations were necessary for performing the contract.

(g) *Settlement expenses.* (1) Settlement expenses, including the following, are generally allowable:

(i) Accounting, legal, clerical, and similar costs reasonably necessary for—

(A) The preparation and presentation, including supporting data, of settlement claims to the contracting officer; and

(B) The termination and settlement of subcontracts.

(ii) Reasonable costs for the storage, transportation, protection, and disposition of property acquired or produced for the contract.

(iii) Indirect costs related to salary and wages incurred as settlement expenses in (i) and (ii); normally, such indirect costs shall be limited to payroll taxes, fringe benefits, occupancy costs, and immediate supervision costs.

(2) If settlement expenses are significant, a cost account or work order shall be established to separately identify and accumulate them.

(h) *Subcontractor claims.* Subcontractor claims, including the allocable portion of the claims common to the contract and to other work of the contractor, are generally allowable. An appropriate share of the contractor's indirect expense may be allocated to the amount of settlements with subcontractors; provided, that the amount allocated is reasonably proportionate to the relative benefits received and is otherwise consistent with 31.201-4 and 31.203(c). The indirect expense so allocated shall exclude the same and similar costs claimed directly or indirectly as settlement expenses.

31.205-43 Trade, business, technical and professional activity costs.

The following types of costs are allowable:

(a) Memberships in trade, business, technical, and professional organizations.

(b) Subscriptions to trade, business, professional, or other technical periodicals.

(c) When the principal purpose of a meeting, convention, conference, symposium, or seminar is the dissemination of trade, business, technical or professional information or the stimulation of production or improved productivity—

(1) Costs of organizing, setting up, and sponsoring the meetings, conventions, symposia, etc., including rental of meeting facilities, transportation, subsistence, and incidental costs;

(2) Costs of attendance by contractor employees, including travel costs (see 31.205-46); and

(3) Costs of attendance by individuals who are not employees of the contractor, provided—

(i) Such costs are not also reimbursed to the individual by the employing company or organization, and

(ii) The individuals attendance is essential to achieve the purpose of the conference, meeting, convention, symposium, etc.

31.205-44 Training and education costs.

(a) *Allowable costs.* Training and education costs are allowable to the extent indicated below.

(b) *Vocational training.* Costs of preparing and maintaining a noncollege level program of instruction, including but not limited to on-the-job, classroom, and apprenticeship training, designed to increase the vocational effectiveness of employees, are allowable. These costs include—

(1) Salaries or wages of trainees (excluding overtime compensation),

(2) Salaries of the director of training and staff when the training program is conducted by the contractor,

(3) Tuition and fees when the training is in an institution not operated by the contractor, and/or

(4) Training materials and textbooks.

(c) *Part-time college level education.* Allowable costs of part-time college education at an undergraduate or postgraduate level, including that provided at the contractor's own facilities, are limited to—

(1) Fees and tuition charged by the educational institution, or, instead of tuition, instructors' salaries and the related share of indirect cost of the educational institution, to the extent that the sum thereof is not in excess of the tuition that would have been paid to the participating educational institution;

(2) Salaries and related costs of instructors who are employees of the contractor;

(3) Training materials and textbooks; and

(4) Straight-time compensation of each employee for time spent attending classes during working hours not in excess of 156 hours per year where circumstances do not permit the operation of classes or attendance at classes after regular working hours. In unusual cases, the period may be extended (see paragraph (h) of this subsection).

(d) *Full-time education.* Costs of tuition, fees, training materials and textbooks (but not subsistence, salary, or any other emoluments) in connection with full-time education, including that provided at the contractor's own facilities, at a postgraduate but not undergraduate college level, are allowable only when the course or degree pursued is related to the field in which the employee is working or may reasonably be expected to work and are limited to a total period not to exceed 2 school years or the length of the degree program, whichever is less, for each employee so trained.

(e) *Specialized programs.* Costs of attendance of up to 16 weeks per employee per year at specialized programs specifically designed to enhance the effectiveness of managers or to prepare employees for such positions are allowable. Such costs include enrollment fees and related

charges and employees' salaries, subsistence, training materials, textbooks, and travel. Costs allowable under this paragraph do not include costs for courses that are part of a degree-oriented curriculum, which are only allowable pursuant to paragraphs (c) and (d) of this subsection.

(f) *Other expenses.* Maintenance expense and normal depreciation or fair rental on facilities owned or leased by the contractor for training purposes are allowable in accordance with 31.205-11, 31.205-17, 31.205-24, and 31.205-36.

(g) *Grants.* Grants to educational or training institutions, including the donation of facilities or other properties, scholarships, and fellowships are considered contributions and are unallowable.

(h) *Advance agreements.* (1) Training and education costs in excess of those otherwise allowable under paragraphs (c) and (d) of this subsection, including subsistence, salaries or any other emoluments, may be allowed to the extent set forth in an advance agreement negotiated under 31.109. To be considered for an advance agreement, the contractor must demonstrate that the costs are consistently incurred under an established managerial, engineering, or scientific training and education program, and that the course or degree pursued is related to the field in which the employees are now working or may reasonably be expected to work. Before entering into the advance agreement, the contracting officer shall give consideration to such factors as—

(i) The length of employees' service with the contractor;

(ii) Employees' past performance and potential;

(iii) Whether employees are in formal development programs; and

(iv) The total number of participating employees.

(2) Any advance agreement must include a provision requiring the contractor to refund to the Government training and education costs for employees who resign within 12 months of completion of such training or education for reasons within an employee's control.

(i) *Training or education costs for other than bona fide employees.* Costs of tuition, fees, textbooks, and similar or related benefits provided for other than bona fide employees are unallowable, except that the costs incurred for educating employee dependents (primary and secondary level studies) when the employee is working in a foreign country where public education is not available and where suitable private education is inordinately expensive may be included in overseas differential.

(j) *Employee dependent education plans.* Costs of college plans for employee dependents are unallowable.

31.205-45 Transportation costs.

Allowable transportation costs include freight, express, cartage, and postage charges relating to goods purchased, in

process, or delivered. When these costs can be identified with the items involved, they may be directly costed as transportation costs or added to the cost of such items. When identification with the materials received cannot be made, inbound transportation costs may be charged to the appropriate indirect cost accounts if the contractor follows a consistent and equitable procedure. Outbound freight, if reimbursable under the terms of the contract, shall be treated as a direct cost.

31.205-46 Travel costs.

(a) *Costs for transportation, lodging, meals, and incidental expenses.* (1) Costs incurred by contractor personnel on official company business are allowable, subject to the limitations contained in this subsection. Costs for transportation may be based on mileage rates, actual costs incurred, or on a combination thereof, provided the method used results in a reasonable charge. Costs for lodging, meals, and incidental expenses may be based on per diem, actual expenses, or a combination thereof, provided the method used results in a reasonable charge.

(2) Except as provided in subparagraph (a)(3) of this subsection, costs incurred for lodging, meals, and incidental expenses (as defined in the regulations cited in (a)(2)(i) through (iii) of this subparagraph) shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the—

(i) Federal Travel Regulations, prescribed by the General Services Administration, for travel in the conterminous 48 United States, available on a subscription basis from the:

Superintendent of Documents
U.S. Government Printing Office
Washington DC 20402

Stock No. 922-002-00000-2

(ii) Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense, for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and territories and possessions of the United States, available on a subscription basis from the—

Superintendent of Documents
U.S. Government Printing Office
Washington DC 20402

Stock No. 908-010-00000-1; or

(iii) Standardized Regulations (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances for Foreign Areas," prescribed by the Department of State, for travel in areas not covered in

(a)(2)(i) and (ii) of this subparagraph, available on a subscription basis from the—

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402

Stock No. 744-008-00000-0

(3) In special or unusual situations, actual costs in excess of the above-referenced maximum per diem rates are allowable provided that such amounts do not exceed the higher amounts authorized for Federal civilian employees as permitted in the regulations referenced in (a)(2)(i), (ii), or (iii) of this subsection. For such higher amounts to be allowable, all of the following conditions must be met:

(i) One of the conditions warranting approval of the actual expense method, as set forth in the regulations referenced in paragraphs (a)(2)(i), (ii), or (iii) of this subsection, must exist.

(ii) A written justification for use of the higher amounts must be approved by an officer of the contractor's organization or designee to ensure that the authority is properly administered and controlled to prevent abuse.

(iii) If it becomes necessary to exercise the authority to use the higher actual expense method repetitively or on a continuing basis in a particular area, the contractor must obtain advance approval from the contracting officer.

(iv) Documentation to support actual costs incurred shall be in accordance with the contractor's established practices, subject to paragraph (a)(7) of this subsection, and provided that a receipt is required for each expenditure of \$75.00 or more. The approved justification required by paragraph (a)(3)(ii) and, if applicable, paragraph (a)(3)(iii) of this subsection must be retained.

(4) Subparagraphs (a)(2) and (a)(3) of this subsection do not incorporate the regulations cited in subdivisions (a)(2)(i), (ii), and (iii) of this subsection in their entirety. Only the maximum per diem rates, the definitions of lodging, meals, and incidental expenses, and the regulatory coverage dealing with special or unusual situations are incorporated herein.

(5) An advance agreement (see 31.109) with respect to compliance with subparagraphs (a)(2) and (a)(3) of this subsection may be useful and desirable.

(6) The maximum per diem rates referenced in subparagraph (a)(2) of this subsection generally would not constitute a reasonable daily charge—

(i) When no lodging costs are incurred; and/or

(ii) On partial travel days (e.g., day of departure and return).

Appropriate downward adjustments from the maximum per diem rates would normally be required under these circumstances. While these adjustments need not be calculated in

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accordance with the Federal Travel Regulation or Joint Travel Regulations, they must result in a reasonable charge.

(7) Costs shall be allowable only if the following information is documented—

(i) Date and place (city, town, or other similar designation) of the expenses;

(ii) Purpose of the trip; and

(iii) Name of person on trip and that person's title or relationship to the contractor.

(b) Travel costs incurred in the normal course of overall administration of the business are allowable and shall be treated as indirect costs.

(c) Travel costs directly attributable to specific contract performance are allowable and may be charged to the contract under 31.202.

(d) Airfare costs in excess of the lowest customary standard, coach, or equivalent airfare offered during normal business hours are unallowable except when such accommodations require circuitous routing, require travel during unreasonable hours, excessively prolong travel, result in increased cost that would offset transportation savings, are not reasonably adequate for the physical or medical needs of the traveler, or are not reasonably available to meet mission requirements. However, in order for airfare costs in excess of the above standard airfare to be allowable, the applicable condition(s) set forth above must be documented and justified.

(e)(1) "Cost of travel by contractor-owned, -leased, or -chartered aircraft," as used in this paragraph, includes the cost of lease, charter, operation (including personnel), maintenance, depreciation, insurance, and other related costs.

(2) The costs of travel by contractor-owned, -leased, or -chartered aircraft are limited to the standard airfare described in paragraph (d) of this subsection for the flight destination unless travel by such aircraft is specifically required by contract specification, term, or condition, or a higher amount is approved by the contracting officer. A higher amount may be agreed to when one or more of the circumstances for justifying higher than standard airfare listed in paragraph (d) of this subsection are applicable, or when an advance agreement under subparagraph (e)(3) of this subsection has been executed. In all cases, travel by contractor-owned, -leased, or -chartered aircraft must be fully documented and justified. For each contractor-owned, -leased, or -chartered aircraft used for any business purpose which is charged or allocated, directly or indirectly, to a Government contract, the contractor must maintain and make available manifest/logs for all flights on such company aircraft. As a minimum, the manifest/log shall indicate—

(i) Date, time, and points of departure;

(ii) Destination, date, and time of arrival;

(iii) Name of each passenger and relationship to the contractor;

(iv) Authorization for trip; and

(v) Purpose of trip.

(3) Where an advance agreement is proposed (see 31.109), consideration may be given to the following:

(i) Whether scheduled commercial airlines or other suitable, less costly, travel facilities are available at reasonable times, with reasonable frequency, and serve the required destinations conveniently.

(ii) Whether increased flexibility in scheduling results in time savings and more effective use of personnel that would outweigh additional travel costs.

(f) Costs of contractor-owned or -leased automobiles, as used in this paragraph, include the costs of lease, operation (including personnel), maintenance, depreciation, insurance, etc. These costs are allowable, if reasonable, to the extent that the automobiles are used for company business. That portion of the cost of company-furnished automobiles that relates to personal use by employees (including transportation to and from work) is compensation for personal services and is unallowable as stated in 31.205-6(m)(2).

31.205-47 Costs related to legal and other proceedings.

(a) *Definitions.*

"Conviction," as used in this subsection, is defined in 9.403.

"Costs" include, but are not limited to, administrative and clerical expenses; the costs of legal services, whether performed by in-house or private counsel; the costs of the services of accountants, consultants, or others retained by the contractor to assist it; costs of employees, officers, and directors; and any similar costs incurred before, during, and after commencement of a judicial or administrative proceeding which bears a direct relationship to the proceeding.

"Fraud," as used in this subsection, means—

(1) Acts of fraud or corruption or attempts to defraud the Government or to corrupt its agents,

(2) Acts which constitute a cause for debarment or suspension under 9.406-2(a) and 9.407-2(a) and

(3) Acts which violate the False Claims Act, 31 U.S.C., sections 3729-3731, or the Anti-Kickback Act, 41 U.S.C., sections 51 and 54.

"Penalty," does not include restitution, reimbursement, or compensatory damages.

"Proceeding," includes an investigation.

(b) Costs incurred in connection with any proceeding brought by a Federal, State, local, or foreign government for violation of, or a failure to comply with, law or regulation by the contractor (including its agents or employees), or costs incurred in connection with any proceeding brought by a third party in the name of the United States under the

False Claims Act, 31 U.S.C. 3730, are unallowable if the result is—

- (1) In a criminal proceeding, a conviction;
- (2) In a civil or administrative proceeding, either a finding of contractor liability where the proceeding involves an allegation of fraud or similar misconduct or imposition of a monetary penalty where the proceeding does not involve an allegation of fraud or similar misconduct;

(3) A final decision by an appropriate official of an executive agency to—

- (i) Debar or suspend the contractor;
- (ii) Rescind or void a contract; or
- (iii) Terminate a contract for default by reason of a violation or failure to comply with a law or regulation.

(4) Disposition of the matter by consent or compromise if the proceeding could have led to any of the outcomes listed in subparagraphs (b)(1) through (3) of this subsection (but see paragraphs (c) and (d) of this subsection); or

(5) Not covered by subparagraphs (b)(1) through (4) of this subsection, but where the underlying alleged contractor misconduct was the same as that which led to a different proceeding whose costs are unallowable by reason of subparagraphs (b)(1) through (4) of this subsection.

(c)(1) To the extent they are not otherwise unallowable, costs incurred in connection with any proceeding under paragraph (b) of this subsection commenced by the United States that is resolved by consent or compromise pursuant to an agreement entered into between the contractor and the United States, and which are unallowable solely because of paragraph (b) of this subsection, may be allowed to the extent specifically provided in such agreement

(2) In the event of a settlement of any proceeding brought by a third party under the False Claims Act in which the United States did not intervene, reasonable costs incurred by the contractor in connection with such a proceeding, that are not otherwise unallowable by regulation or by separate agreement with the United States, may be allowed if the contracting officer, in consultation with his or her legal advisor, determines that there was very little likelihood that the third party would have been successful on the merits.

(d) To the extent that they are not otherwise unallowable, costs incurred in connection with any proceeding under paragraph (b) of this subsection commenced by a State, local, or foreign government may be allowable when the contracting officer (or other official specified in agency procedures) determines, that the costs were incurred either:

(1) As a direct result of a specific term or condition of a Federal contract; or

(2) As a result of compliance with specific written direction of the cognizant contracting officer.

(e) Costs incurred in connection with proceedings described in paragraph (b) of this subsection, but which are not made unallowable by that paragraph, may be allowable to the extent that:

(1) The costs are reasonable in relation to the activities required to deal with the proceeding and the underlying cause of action;

(2) The costs are not otherwise recovered from the Federal Government or a third party, either directly as a result of the proceeding or otherwise; and

(3) The percentage of costs allowed does not exceed the percentage determined to be appropriate considering the complexity of procurement litigation, generally accepted principles governing the award of legal fees in civil actions involving the United States as a party, and such other factors as may be appropriate. Such percentage shall not exceed 80 percent. Agreements reached under paragraph (c) of this subsection shall be subject to this limitation. If, however, an agreement described in paragraph (c)(1) of this subsection explicitly states the amount of otherwise allowable incurred legal fees and limits the allowable recovery to 80 percent or less of the stated legal fees, no additional limitation need be applied. The amount of reimbursement allowed for legal costs in connection with any proceeding described in paragraph (c)(2) of this subsection shall be determined by the cognizant contracting officer, but shall not exceed 80 percent of otherwise allowable legal costs incurred.

(f) Costs not covered elsewhere in this subsection are unallowable if incurred in connection with:

(1) Defense against Federal Government claims or appeals or the prosecution of claims or appeals against the Federal Government (see 33.201).

(2) Organization, reorganization, (including mergers and acquisitions) or resisting mergers and acquisitions (see also 31.205-27).

(3) Defense of antitrust suits.

(4) Defense of suits brought by employees or ex-employees of the contractor under section 2 of the Major Fraud Act of 1988 where the contractor was found liable or settled.

(5) Costs of legal, accounting, and consultant services and directly associated costs incurred in connection with the defense or prosecution of lawsuits or appeals between contractors arising from either—

(1) An agreement or contract concerning a teaming arrangement, a joint venture, or similar arrangement of shared interest; or

(2) Dual sourcing, coproduction, or similar programs, are unallowable, except when—

(i) Incurred as a result of compliance with specific terms and conditions of the contract or written instructions from the contracting officer, or

(ii) When agreed to in writing by the contracting officer.

(6) Patent infringement litigation, unless otherwise provided for in the contract.

(7) Representation of, or assistance to, individuals, groups, or legal entities which the contractor is not legally bound to provide, arising from an action where the participant was convicted of violation of a law or regulation or was found liable in a civil or administrative proceeding.

(8) Protests of Federal Government solicitations or contract awards, or the defense against protests of such solicitations or contract awards, unless the costs of defending against a protest are incurred pursuant to a written request from the cognizant contracting officer.

(g) Costs which may be unallowable under 31.205-47, including directly associated costs, shall be segregated and accounted for by the contractor separately. During the pendency of any proceeding covered by paragraph (b) and subparagraphs (f)(4) and (f)(7) of this subsection, the contracting officer shall generally withhold payment of such costs. However, if in the best interests of the Government, the contracting officer may provide for conditional payment upon provision of adequate security, or other adequate assurance, and agreement by the contractor to repay all unallowable costs, plus interest, if the costs are subsequently determined to be unallowable.

31.205-48 Deferred research and development costs.

"Research and development," as used in this subsection, means the type of technical effort which is described in 31.205-18 but which is sponsored by, or required in performance of, a contract or grant. Research and development costs (including amounts capitalized) that were incurred before the award of a particular contract are unallowable except when allowable as precontract costs. In addition, when costs are incurred in excess of either the price of a contract or amount of a grant for research and development effort, such excess may not be allocated as a cost to any other Government contract.

31.205-49 Goodwill.

Goodwill, an unidentifiable intangible asset, originates under the purchase method of accounting for a business combination when the price paid by the acquiring company exceeds the sum of the identifiable individual assets acquired less liabilities assumed, based upon their fair values. The excess is commonly referred to as goodwill. Goodwill may arise from the acquisition of a company as a

whole or a portion thereof. Any costs for amortization, expensing, write-off, or write-down of goodwill (however represented) are unallowable.

31.205-50 [Reserved]

31.205-51 Costs of alcoholic beverages.

Costs of alcoholic beverages are unallowable.

31.205-52 Asset valuations resulting from business combinations.

(a) For tangible capital assets, when the purchase method of accounting for a business combination is used, whether or not the contract or subcontract is subject to CAS, the allowable depreciation and cost of money shall be based on the capitalized asset values measured and assigned in accordance with 48 CFR 9904.404-50(d), if allocable, reasonable, and not otherwise unallowable.

(b) For intangible capital assets, when the purchase method of accounting for a business combination is used, allowable amortization and cost of money shall be limited to the total of the amounts that would have been allowed had the combination not taken place.

Subpart 31.3—Contracts with Educational Institutions

31.301 Purpose.

This subpart provides the principles for determining the cost of research and development, training, and other work performed by educational institutions under contracts with the Government.

31.302 General.

Office of Management and Budget (OMB) Circular No. A-21, Cost Principles for Educational Institutions, revised, provides principles for determining the costs applicable to research and development, training, and other work performed by educational institutions under contracts with the Government.

31.303 Requirements.

(a) Contracts that refer to this Subpart 31.3 for determining allowable costs under contracts with educational institutions shall be deemed to refer to, and shall have the allowability of costs determined by the contracting officer in accordance with, the revision of OMB Circular A-21 in effect on the date of the contract.

(b) Agencies are not expected to place additional restrictions on individual items of cost.

Subparts 31.4 and 31.5—[Reserved]

Subpart 31.6—Contracts with State, Local, and Federally Recognized Indian Tribal Governments

31.601 Purpose.

This subpart provides the principles for determining allowable cost of contracts and subcontracts with State, local, and federally recognized Indian tribal governments.

31.602 General.

Office of Management and Budget (OMB) Circular No. A-87, Cost Principles for State and Local Governments, Revised, sets forth the principles for determining the allowable costs of contracts and subcontracts with State, local, and federally recognized Indian tribal governments. These principles are for cost determination and are not intended to identify the circumstances or dictate the extent of Federal and State or local participation in financing a particular contract.

31.603 Requirements.

(a) Contracts that refer to this Subpart 31.6 for determining allowable costs under contracts with State, local and Indian tribal governments shall be deemed to refer to, and shall have the allowability of costs determined by the contracting officer in accordance with, the revision of OMB Circular A-87 which is in effect on the date of the contract.

(b) Agencies are not expected to place additional restrictions on individual items of cost. However, under 10 U.S.C. 2324(e) and 41 U.S.C. 256(e), the following costs are unallowable:

(1) Costs of entertainment, including amusement, diversion, and social activities, and any costs directly associated with such costs (such as tickets to shows or sports events, meals, lodging, rentals, transportation, and gratuities).

(2) Costs incurred to influence (directly or indirectly) legislative action on any matter pending before Congress, a State legislature, or a legislative body of a political subdivision of a State.

(3) Costs incurred in defense of any civil or criminal fraud proceeding or similar proceeding (including filing of any false certification) brought by the United States where the contractor is found liable or has pleaded nolo contendere to a charge of fraud or similar proceeding (including filing of a false certification).

(4) Payments of fines and penalties resulting from violations of, or failure to comply with, Federal, state, local, or foreign laws and regulations, except when incurred as a result of compliance with specific terms and conditions of the contract or specific written instructions from the con-

tracting officer authorizing in advance such payments in accordance with applicable regulations in the FAR or an executive agency supplement to the FAR.

(5) Costs of any membership in any social, dining, or country club or organization.

(6) Costs of alcoholic beverages.

(7) Contributions or donations, regardless of the recipient.

(8) Costs of advertising designed to promote the contractor or its products.

(9) Costs of promotional items and memorabilia, including models, gifts, and souvenirs.

(10) Costs for travel by commercial aircraft which exceed the amount of the standard commercial fare.

(11) Costs incurred in making any payment (commonly known as a "golden parachute payment") which is—

(i) In an amount in excess of the normal severance pay paid by the contractor to an employee upon termination of employment; and

(ii) Is paid to the employee contingent upon, and following, a change in management control over, or ownership of, the contractor or a substantial portion of the contractor's assets.

(12) Costs of commercial insurance that protects against the costs of the contractor for correction of the contractor's own defects in materials or workmanship.

(13) Costs of severance pay paid by the contractor to foreign nationals employed by the contractor under a service contract performed outside the United States, to the extent that the amount of the severance pay paid in any case exceeds the amount paid in the industry involved under the customary or prevailing practice for firms in that industry providing similar services in the United States, as determined by regulations in the FAR or in an executive agency supplement to the FAR.

(14) Costs of severance pay paid by the contractor to a foreign national employed by the contractor under a service contract performed in a foreign country if the termination of the employment of the foreign national is the result of the closing of, or curtailment of activities at, a United States facility in that country at the request of the government of that country.

(15) Costs incurred by a contractor in connection with any criminal, civil, or administrative proceedings commenced by the United States or a State, to the extent provided in 10 U.S.C. 2324(k) or 41 U.S.C. 256(k).

Subpart 31.7—Contracts with Nonprofit Organizations

31.701 Purpose.

This subpart provides the principles for determining the cost applicable to work performed by nonprofit organiza-

tions under contracts with the Government. A nonprofit organization, for purpose of identification, is defined as a business entity organized and operated exclusively for charitable, scientific, or educational purposes, of which no part of the net earnings inure to the benefit of any private shareholder or individual, of which no substantial part of the activities is carrying on propaganda or otherwise attempting to influence legislation or participating in any political campaign on behalf of any candidate for public office, and which are exempt from Federal income taxation under section 501 of the Internal Revenue Code.

31.702 General.

Office of Management and Budget (OMB) Circular No. A-122, Cost Principles for Nonprofit Organizations, sets

forth principles for determining the costs applicable to work performed by nonprofit organizations under contracts (also applies to grants and other agreements) with the Government.

31.703 Requirements.

(a) Contracts which refer to this Subpart 31.7 for determining allowable costs shall be deemed to refer to, and shall have the allowability of costs determined by the contracting officer in accordance with, the revision of OMB Circular A-122 in effect on the date of the contract.

(b) Agencies are not expected to place additional restrictions on individual items of cost. However, under 10 U.S.C. 2324(e) and 41 U.S.C. 256(e), the costs cited in 31.603(b) are unallowable.

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